

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

In the Matter of

Expanding the Economic and Innovation
Opportunities of Spectrum Through In-
centive Auctions

Docket No. 12-268

To: The Commission

COMMENTS OF THE DURST ORGANIZATION INC.

THE DURST ORGANIZATION INC. (sometimes hereafter, “*Durst*”), by its counsel, hereby submits its comments respecting the above-captioned proceeding and relative to certain matters raised in the Notice of Proposed Rule Making, released on October 2, 2012 (the “*NPRM*”). The focus of these comments relates to Element Two of the incentive auction plan – the reorganization or “repacking” of the broadcast television bands.

BACKGROUND: For nearly a century, The Durst Organization Inc. has been a family-run real estate company. Founded in 1915, Durst is a developer, owner, and manager of commercial properties in Manhattan. The company helped establish the East Side of Midtown as a commercial district with a series of office buildings built along Third Avenue in the 1950s and 1960s, and led the transformation of Sixth Avenue into Manhattan’s premier corporate thoroughfare in the 1970s. Durst built the nation’s first green skyscraper, Four Times Square, and one of the world’s most advanced commercial towers, One Bryant Park. Today, the company owns and manages more than 10 million square feet of Class A Midtown office space.

Durst is also a significant landlord to many broadcast facilities in New York, including the Four Times Square (4TS) building. Presently 17 full-service FM and DTV stations have either the main or auxiliary licensed auxiliary facilities located at 4TS. Installed atop 4TS is a broadband high-VHF television transmitting panel antenna manufactured by Dielectric, a broadband UHF television panel antenna also manufactured by Dielectric, and a broadband FM transmitting antenna manufactured by Shively.^{1/}

In addition to 4TS, presently an entity controlled by Durst oversees the construction, leasing and management of One World Trade Center (“1WTC”).^{2/} These buildings, the tallest among Manhattan’s skyscrapers,^{3/} serve as present and future transmitter site locations for numerous radio and television broadcast stations licensed to the New York City area, as well as to several wireless communications providers. Accordingly, Durst has an interest in Docket No. 12-268 as the proceeding may have operational implications upon Durst’s broadcast tenants and upon the inauguration of 1WTC as a broadcast antenna site – now targeted for operational inception in 2015.

^{1/} The stations authorized with either their main or auxiliary facilities at 4TS include WNYE-TV, WABC-TV, WFUT-DT, WXTV-DT, WBGO(FM), WKCR-FM, WNYE(FM), WPAT-FM, WNYC-FM, WXNY-FM, WSKQ-FM, WHTZ(FM), WKTU(FM), WAXQ(FM), WWPR-FM, WQXR-FM and WLTW(FM).

^{2/} At 1,776 feet tall, rising 104 stories with 3.1 million square feet of office space, 1WTC will be the tallest building in the Western Hemisphere.

^{3/} For example, the roof-top for 4 Times Square is situated at 734 feet above ground, and the communications tower atop the roof rises another 384 feet, topping out at 1,118 feet, including the beacon. This compares to the 108-story Willis Tower (formerly the Sears Tower) in Chicago, which rises 1,451 feet; the tallest building in Los Angeles (and tallest west of the Mississippi River), the 73-story U.S. Bank Tower, which rises 1,018 feet; and Sutro Tower in San Francisco which is 977 feet tall.

DOCKET 12-268: As contemplated by the NPRM, the incentive auction for broadcast television spectrum will feature three Elements: (1) a “reverse auction,” in which broadcast television licensees will bid to voluntarily relinquish spectrum usage rights in exchange for monetary consideration; (2) a repacking of the broadcast television bands to free up UHF spectrum for other uses; and (3) a “forward auction” of the newly available spectrum that is derived as a result of implementation of Elements (1) and (2).^{4/}

Furthermore, the NPRM provides that preservation of service areas for full-service stations will apply “... only with regard to facilities that were licensed, or for which an application for license to cover authorized facilities already on file with the Commission, as of February 22, 2012.”^{5/}

PROPOSAL: The broadcast antenna site picture in New York City is distinctive from among all of the nation’s cities because of the 9/11 attacks on the World Trade Center.^{6/} Those attacks destroyed principal transmitter site locations in the city and precipitated a displacement of a majority of the full-service TV stations operating in the New York

^{4/} See NPRM, Paragraph 5.

^{5/} See NPRM, Paragraph 98.

^{6/} For nomenclature purposes in these Comments, 1WTC refers to the new structure now under construction, while references to “World Trade Center” mean the two World Trade Center structures that were destroyed on September 11, 2001.

area from the World Trade Center (collectively, the “*Displaced Stations*”)^{7/} on the lower end of Manhattan to other locations.

Further, because of the city’s unique skyline, New York City provides among the tallest broadcast antenna locations in the nation. In addition, it is amidst the highest density population area in the country, and is Designated Market Area No. 1 (DMA #1).^{8/} Further, the city is proximate to two of the top ten population centers in the country – Philadelphia (DMA #4) and Boston (DMA #7). The proximity to Philadelphia and Boston – particularly Philadelphia – imposes allocation restrictions on the New York City area which can prove to be problematic from a spectrum allocation standpoint.

Durst has developed a transmission plan that contemplates the return of many of the Displaced Stations to the World Trade Center area of Manhattan, specifically to 1WTC. Preliminary details of that plan are provided in greater detail in Appendix 1 to these Comments.^{9/} Fundamental to the plan is co-location of the transmitter sites for numerous broadcast stations that serve the New York City DMA.^{10/} Currently Durst is in discussions and negotiations with several of the Displaced Stations, as well as other

^{7/} The following stations were licensed from the World Trade, WCBS-TV, WNBC(TV), WNYW(TV), WABC-TV, WWOR-TV, WPIX(TV), WNET(TV), WPXN-TV, WNJU(TV), (FM), WPAT-FM, WNYC-FM and WKTU(FM).

^{8/} According to Nielsen, the total number in 2012 of TV homes in New York City was 7,387,810. The second DMA, Los Angeles, had roughly 2,000,000 fewer TV homes in 2012 than New York City.

^{9/} See Appendix 1, The Durst Organization – Technical Exhibit.

^{10/} See Appendix 2 for The Durst Organization brochure respecting *Broadcast and Telecommunications Leasing*.

broadcasters and communications providers, regarding their potential relocation to 1WTC. Durst's plan provides generally that operations from 1WTC will afford greater coverage and population counts for the 1WTC-located stations. Initial broadcasts from 1WTC are not expected before 2015 as it is still under construction, but likely before the Commission completes the DTV repack process. Therefore, a TV station may obtain an FCC construction permit and subsequent license, but because the license application was not filed before February 22, 2012, the 1WTC facility may not be preserved as contemplated in the NPRM.

REQUEST: In consideration of the sacrifices already borne by the New York area broadcasters as the result of 9/11, and the uncertainties inherent in Elements (1) and (2) of the incentive auction plan, Durst urges that the Displaced Stations be granted a limited exemption of the February 22, 2012 date that preserves the facilities that were licensed, or for which an application for license to cover authorized facilities. Moreover, inasmuch as the implications of the spectrum repacking really are unknown, and will not really begin to crystallize until after the reverse auction (Element 1), Durst respectfully requests that any minor modification applications by Displaced Stations proposing to locate to 1WTC, and are submitted prior to the implementation the spectrum repacking, be protected from the implications of repacking and be processed without unnecessary delay or deferral due to the impending spectrum repacking.

The 1WTC facility is located approximately 4.6 kilometers (2.9 miles) from the present transmitter site for most of the full-service stations that are located in New York

City. It is expected this *de minimis* site relocation will not have an adverse impact on the ability of the Commission to repack the TV spectrum, even in this spectrum congested region of the Northeast. Moreover, as it is usually desired that to have broadcast stations operating from the tallest structure in the market, the 1WTC would be the obvious choice for the broadcasters seeking co-location of multiple facilities.

Some years ago several of the Displaced Stations filed construction permit applications seeking authorization to operate from the former World Trade Center site. These stations include WCBS-TV, WNET(TV), WPXN-TV, WPIX(TV), WNBC(TV) and WABC-TV.^{11/} These applications were intended as “placeholders” until the ultimate 1WTC facilities were determined and completed.

Durst respectfully submits that fulfillment of these requests will serve the public interest by facilitating the co-location of broadcast station transmitter sites back to the lower end of Manhattan, and improving the co-located-stations’ service to the greater New York City DMA.

^{11/} See FCC File Nos. BMPCDT-20080619AAZ, BMPCDT-20090709AGX, BMPCDT-20080620ALZ, BMPCDT-20080620ALB, BMPCDT-20080620ADL and BMPCDT-20080620AMV.

WHEREFORE, the premises considered, The Durst Organization Inc. respectfully requests that the afore-mentioned "requests" be considered and adopted by the Commission in connection with its implementation of the incentive auction process and Docket No. 12-268.

Respectfully submitted,

THE DURST ORGANIZATION INC.

By: 

/s/ Lee W. Shubert

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Its Attorneys

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January 24, 2013

APPENDIX 1

THE DURST ORGANIZATION

TECHNICAL EXHIBIT PREPARED BY DU TREIL LUNDIN & RACKLEY, INC.

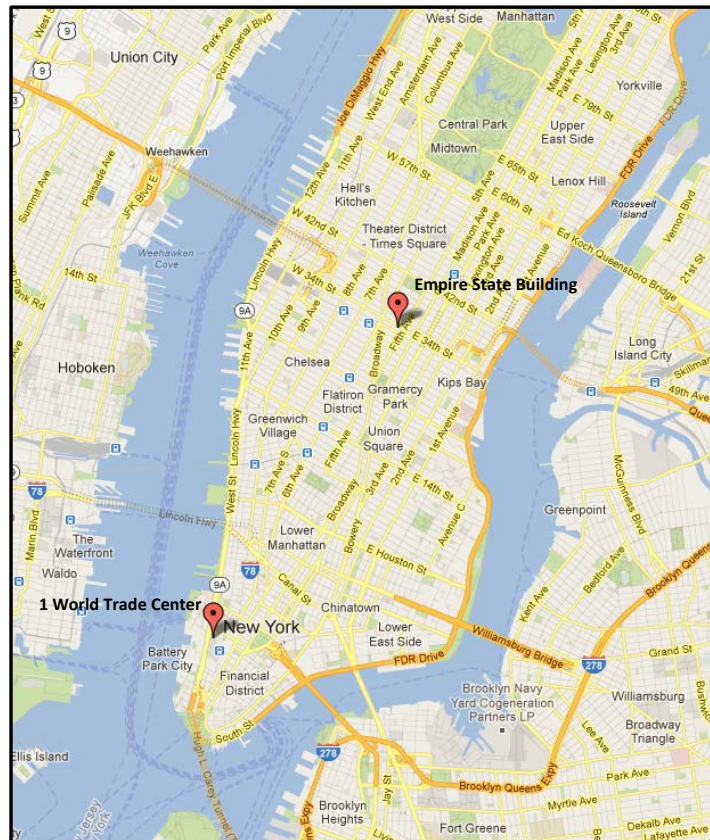
TECHNICAL EXHIBIT
DURST ORGANIZATION
NEW YORK, NEW YORK

This Technical Exhibit has been prepared at the request of the *Durst Organization* (herein Durst) in support of its comments in Docket No. 12-268, Notice of Proposed Rule Making in *Expanding the Economic and Innovation Opportunities of Spectrum through Incentive Auctions*. Durst presently is overseeing the construction, leasing and management of the new One World Trade Center (1WTC) building located in the financial district of Manhattan. 1WTC is seeking to reestablish this transmission site location for the New York television stations, many of which were at this same location before the destruction of 9/11.

This herein analysis will demonstrate that television stations seeking to locate to 1WTC before the FCC Incentive Auction repack process is completed will not adversely affect the number of channels available within the New York market. This is an important determination as the Notice of Proposed Rule Making (NPRM) provides that preservation of service areas for full-service stations will apply “only with regard to facilities that were licensed, or for which an application for license to coverage authorized facilities already on file with the Commission, as of February 22, 2012.”¹ The purpose of this proposed Rule is to ensure a station making a facility modification prior to the completion of the Incentive Auction process will not adversely impact the number of channels available for repacking.

¹ See NPRM, Paragraph 5.

The proposed 1WTC and former World Trade Center facility is located approximately 4.6 kilometers (2.9 miles) from the present transmitter site for most of the full-service stations that are located in New York. The nearest congested television market to New York is Philadelphia located approximately 120 kilometers distant. Therefore, this site relocation would only decrease the separation distance between the New York and Philadelphia television stations by 3.8 percent. Below is a map showing the “intra-market” locations between the sites located in Manhattan.



Map 1. Map Showing Proposed and Existing TV Transmitter Sites in New York.

It is observed in the FCC Form 301, Section III-D, DTV Engineering, that question 1(b) asks if the proposed transmitting antenna is “located within 5.0 kilometers (3.1 miles) of the DTV reference site as established in 47 C.F.R. Section 73.622.” This implies that site modifications of less than 5 kilometers, such as that contemplated in New York, requires less evaluation and is generally considered as “co-located.”

Several years ago, some full-service stations formerly at the World Trade Center filed applications for construction permit applications seeking continued operation at this site. The stations are WCBS-TV, WNET(TV), WPXN-TV, WPIX(TV), WNBC(TV) and WABC-TV. While the facilities proposed within these applications will not be the finally constructed facilities, these applications show the desire of the stations to locate at the 1WTC site.

To determine if a full-service television station located at the 1WTC facility would cause as adverse impact to the repack channel availability, an OET-69 interference analysis was completed on a sample of full-service stations, both in the VHF and UHF bands. This sample indicated that the stations could relocate to 1WTC without causing greater than 0.5% *de minimis* interference to other stations.

The below Table 1 identifies the stations studied in this sample. This study is based upon each station not causing greater than 0.5% *de minimis* interference to other stations or limiting the interference to the amount already permitted in any associated interference agreements. The use of a non-directional transmitting antenna is presumed at 1WTC. The appendices contain the full OET-69 analysis for each of the studied stations.

Station Channel	Main Authorized Current Transmission Parameters	Hypothetical 1WTC Transmission Parameters
Station A Channel 28	200.2 kW 397 meters HAAT	175 kW 519 meters HAAT
Station B Channel 33	426 kW 397 meters HAAT	313 kW 519 meters HAAT
Station C Channel 40	360 kW 429 meters HAAT	177 kW 519 meters HAAT
Station D Channel 7	34 kW 405 meters HAAT	21.4 kW 507 meters HAAT
Station E Channel 13	9.3 kW 405 meters HAAT	3.9 kW 507 meters HAAT

Table 1. Sample of Current and Hypothetical Television Facilities in New York.

Therefore, this analysis suggests that any full-service station seeking authorization at 1WTC, with service area modification protection provided in any incentive auction repack process, will not adversely affect the number of available channels in any repack scenario. This conclusion is due to this fact of this relatively small site “intra-market” move between the existing full-service transmitter site in New York and the 1WTC and that the facilities at 1WTC could be designed to cause no more than the already permitted interference to other stations,.

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Sarasota, Florida 32437
941.329.6000

January 10, 2013

APPENDIX A

STATION A ALLOCATION ANALYSIS

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
TW Census data selected 2000
Data Base Selected
/export/home/cdb/pt_tvdb.sff

WARNING WARNING WARNING

The following list of station records has been excluded from the analysis due to the fact that they have the same state, city and channel as the proposed station - This could cause the program to not find a potential fail situation

You can force the program to include these records by setting the state of the proposed record to ZZ and re-running the analysis

WNBC	28 NEW YORK	NY BPCDT	20080620ADL
WNBC	28 NEW YORK	NY BDSTA	20041220ADE
WNBC	28 NEW YORK	NY BLCDT	20080409AAM
WNBC	28 NEW YORK	NY BPCDT	20080620ADL

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 09-27-2012 Time: 10:49:41

Record Selected for Analysis

WNBC-DT USERRECORD-01 NEW YORK NY US
Channel 28 ERP 175. kW HAAT 519. m RCAMSL 00530 m
Latitude 040-42-46 Longitude 0074-00-49
Status APP Zone 1 Border Site number: 01
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility (site # 01) meets maximum height/power limits

Site number	1		
Azimuth	ERP	HAAT	41.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	175.000	511.9	99.1
45.0	175.000	529.1	100.5
90.0	175.000	508.4	98.8
135.0	175.000	519.9	99.8
180.0	175.000	522.8	100.0
225.0	175.000	519.6	99.7
270.0	175.000	521.3	99.9
315.0	175.000	516.6	99.5

Evaluation toward Class A Stations from site # 01

Contour overlap to Class A station
W28AJ 28 ALLINGTOWN CT BLTTL 20010608AAO
Contour overlap to Class A station
WFXQ-CD 28 SPRINGFIELD MA BPTTA 20081017AHG
Contour overlap to Class A station
WFPA-CA 28 PHILADELPHIA PA BLTTL 20000428ABK

Class A Evaluation Complete

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance
Distance to border = 397.6km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
28	WNBC-DT	NEW YORK NY	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WTSD-CA	WILMINGTON DE	127.6	LIC	BLTTA	20041206AAM
24	W24BB	EAST STROUDSBURG PA	130.1	LIC	BLTTL	19911219JM
27	WGTW-TV	BURLINGTON NJ	127.6	LIC	BLCDT	20060105AAR
27	WTBY-TV	POUGHKEEPSIE NY	86.4	LIC	BLCDT	20090902ACZ
28	W28AJ	ALLINTOWN CT	108.8	LIC	BLTTL	20010608AAO
28	WFXQ-CD	SPRINGFIELD MA	187.6	CP	BPTTA	20081017AHG
28	WFXQ-CD	SPRINGFIELD MA	205.5	LIC	BLDTA	20100126ADA
28	WFPT	FREDERICK MD	324.0	LIC	BLEDT	20090330AFA
28	WCPB	SALISBURY MD	291.9	LIC	BLEDT	20090209AEM
28	WCPB	SALISBURY MD	291.9	CP	BPEDT	20080318AAC
28	WUHF	ROCHESTER NY	399.6	LIC	BLCDT	20050316AAK
28	WNYF-CA	WATERTOWN NY	390.5	LIC	BLTTA	20010129AAT
28	WFPA-CA	PHILADELPHIA PA	127.8	LIC	BLTTL	20000428ABK
28	WAZF-CA	WINCHESTER/FRONT ROY VA	392.9	LIC	BLTTL	19940422IK
29	WUVP-DT	VINELAND NJ	127.6	LIC	BLCDT	20090923ADS
29	WFME-TV	WEST MILFORD NJ	22.0	LIC	BLEDT	20040712ACP

%%%

Analysis of Interference to Affected Station 1

Channel	Call	City/State	Application	Ref. No.
14	WTSD-CA	WILMINGTON DE	BLTTA	-20041206AAM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WFBT	BATH NY	301.8	CP MOD	BMPCDT	-20090327AEF
15	W36DO-D	DARBY PA	0.0	APP	BDISDTL	-20101203ABC
15	W36DO-D	DARBY PA	0.0	APP	BSTA	-20110128ABM
17	WPHL-TV	PHILADELPHIA PA	0.3	LIC	BLCDT	-20090918ABV
18	WMBC-TV	NEWTON NJ	126.6	CP	BPCDT	-20080620ABX
18	WMBC-TV	NEWTON NJ	126.6	LIC	BLCDT	-20101130AAX
18	WMBC-TV	NEWTON NJ	126.6	LIC	BLCDT	-20060803AMO
18	WMBC-TV	NEWTON NJ	131.8	LIC	BLCDT	-20101130AAX
21	WHP-TV	HARRISBURG PA	142.7	LIC	BLCDT	-20090615ADL
21	WHP-TV	HARRISBURG PA	142.7	CP	BPCDT	-20100325ABG
22	WNJS	CAMDEN NJ	48.3	LIC	BLEDT	-20070611AAY
22	WNJS	CAMDEN NJ	48.3	CP	BPEDT	-20080620ALH
28	WNBC	NEW YORK NY	127.6	PLN	DTVPLN	-DTVVP1034
29	WUVP-DT	VINELAND NJ	0.0	LIC	BLCDT	-20090923ADS
29	WFME-TV	WEST MILFORD NJ	117.4	LIC	BLEDT	-20040712ACP
28	WNBC-DT	NEW YORK NY	127.6	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

%%%

Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
24	W24BB	EAST STROUDSBURG PA	BLTTL -19911219JM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	WPHL-TV	PHILADELPHIA PA	111.7	LIC	BLCDT -20090918ABV
21	WHP-TV	HARRISBURG PA	137.7	LIC	BLCDT -20090615ADL
21	WHP-TV	HARRISBURG PA	137.7	CP	BPCDT -20100325ABG
23	WLYH-TV	LANCASTER PA	117.3	LIC	BLCDT -20040922AAC
24	WNYE-TV	NEW YORK NY	131.0	LIC	BLEDT -20071228ABM
24	W52DW	PORT JERVIS NY	78.6	CP	BDISTTL -20120222ABQ
24	WSTM-TV	SYRACUSE NY	219.2	LIC	BLCDT -20090622AEM
24	WATM-TV	ALTOONA PA	252.5	LIC	BLCDT -20050603ACF
24	W24DB	CLARKS SUMMIT PA	49.2	LIC	BLTTA -20041202ADB
24	WPHA-CD	PHILADELPHIA PA	111.8	CP	BDISDTA -20110315ABL
24	WPHA-CD	PHILADELPHIA PA	111.8	APP	BMPDTA -20120716AFD
24	WPHA-CD	PHILADELPHIA PA	111.8	APP	BMPDTA -20120925ADS
24	W24CS	READING PA	81.8	LIC	BLTT -20030321AAO
24	WNVF	FAIRFAX VA	280.5	LIC	BLEDT -20090612ACS
24	WVTA	WINDSOR VT	367.3	LIC	BLEDT -20070307AAW
25	WTVE	READING PA	79.0	APP	BPCDT -20100422ACQ
25	WTVE	READING PA	111.8	LIC	BLCDT -20100405ABM
25	WTVE	READING PA	81.8	LIC	BLCDT -20100405ABM
25	WTVE	READING PA	111.8	LIC	BLCDT -20081117ADZ
26	KYW-TV	PHILADELPHIA PA	111.6	LIC	BLCDT -20090326ABH
27	WGTW-TV	BURLINGTON NJ	111.8	LIC	BLCDT -20060105AAR
27	WTBY-TV	POUGHKEEPSIE NY	139.8	LIC	BLCDT -20090902ACZ
28	WNBC	NEW YORK NY	130.1	PLN	DTVPLN -DTVPLN1034
31	WPPX-TV	WILMINGTON DE	111.8	CP	BPCDT -20080620AMP
31	WPPX-TV	WILMINGTON DE	111.8	LIC	BLCDT -20031203AFL
31	WPXN-TV	NEW YORK NY	130.1	APP	BMPCDT -20080620ALZ
31	WPXN-TV	NEW YORK NY	131.3	LIC	BLCDT -20110729AAQ
31	WSWB	SCRANTON PA	49.2	LIC	BMLCDT -20090529AJJ
31	WSWB-DR	SCRANTON PA	49.2	APP	BPRM -20080619ALI
32	WPSG	PHILADELPHIA PA	111.8	LIC	BLCDT -20021025AAS
32	WPSG	PHILADELPHIA PA	111.8	CP	BPCDT -20111024ACS
32	WQPX-TV	SCRANTON PA	49.0	LIC	BLCDT -20060629AFR
38	WWOR-TV	SECAUCUS NJ	131.3	CP MOD	BMPCDT -20080620AHC
39	WLVT-TV	ALLENTOWN PA	51.7	LIC	BLEDT -20090605ABD
28	WNBC-DT	NEW YORK NY	130.1	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
27	WGTW-TV	BURLINGTON NJ	BLCDT -20060105AAR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
26	KYW-TV	PHILADELPHIA PA	0.5	LIC	BLCDT -20090326ABH
27	WETA-TV	WASHINGTON DC	199.3	LIC	BLEDT -20120731ALN
27	WUTF-DT	MARLBOROUGH MA	407.0	LIC	BLCDT -20120821ABC
27	WTBY-TV	POUGHKEEPSIE NY	194.0	LIC	BLCDT -20090902ACZ
27	WFXV	UTICA NY	333.6	APP	BMPCDT -20080114ABF
27	WFXV	UTICA NY	345.0	LIC	BLCDT -20090331ADG
28	WFPT	FREDERICK MD	197.7	LIC	BLEDT -20090330AFA
28	WCPB	SALISBURY MD	186.6	LIC	BLEDT -20090209AEM
28	WCPB	SALISBURY MD	186.6	CP	BPEDT -20080318AAC
28	WNBC	NEW YORK NY	127.6	PLN	DTVPLN -DTVPLN1034
28	WNBC-DT	NEW YORK NY	127.6	APP	USERRECORD-01

Total scenarios = 2

Result key: 1
Scenario 1 Affected station 3
Before Analysis

Results for: 27A NJ BURLINGTON BLCDT 20060105AAR LIC

HAAT	354.0 m, ATV ERP	160.0 kW
	POPULATION	AREA (sq km)
within Noise Limited Contour	7766692	21696.7
not affected by terrain losses	7424541	20978.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	360999	1331.8
lost to ATV IX only	360999	1331.8
lost to all IX	360999	1331.8

Potential Interfering Stations Included in above Scenario 1

26A PA PHILADELPHIA	BLCDDT	20090326ABH	LIC
27A DC WASHINGTON	BLEDT	20120731ALN	LIC
27A NY POUGHKEEPSIE	BLCDDT	20090902ACZ	LIC
27A NY UTICA	BLCDDT	20090331ADG	LIC
28A NY NEW YORK	DTVPLN	DTVP1034	PLN

After Analysis

Results for: 27A NJ BURLINGTON BLCDDT 20060105AAR LIC
HAAT 354.0 m, ATV ERP 160.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7766692	21696.7
not affected by terrain losses	7424541	20978.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	361079	1335.9
lost to ATV IX only	361079	1335.9
lost to all IX	361079	1335.9

Potential Interfering Stations Included in above Scenario 1

26A PA PHILADELPHIA	BLCDDT	20090326ABH	LIC
27A DC WASHINGTON	BLEDT	20120731ALN	LIC
27A NY POUGHKEEPSIE	BLCDDT	20090902ACZ	LIC
27A NY UTICA	BLCDDT	20090331ADG	LIC
28A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.0011%

Result key: 2
Scenario 2 Affected station 3
Before Analysis

Results for: 27A NJ BURLINGTON BLCDDT 20060105AAR LIC
HAAT 354.0 m, ATV ERP 160.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7766692	21696.7
not affected by terrain losses	7424541	20978.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	361451	1335.9
lost to ATV IX only	361451	1335.9
lost to all IX	361451	1335.9

Potential Interfering Stations Included in above Scenario 2

26A PA PHILADELPHIA	BLCDDT	20090326ABH	LIC
27A DC WASHINGTON	BLEDT	20120731ALN	LIC
27A NY POUGHKEEPSIE	BLCDDT	20090902ACZ	LIC
27A NY UTICA	BMPCDDT	20080114ABF	APP
28A NY NEW YORK	DTVPLN	DTVP1034	PLN

After Analysis

Results for: 27A NJ BURLINGTON BLCDDT 20060105AAR LIC
HAAT 354.0 m, ATV ERP 160.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7766692	21696.7
not affected by terrain losses	7424541	20978.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	361531	1339.9
lost to ATV IX only	361531	1339.9
lost to all IX	361531	1339.9

Potential Interfering Stations Included in above Scenario 2

26A PA PHILADELPHIA	BLCDDT	20090326ABH	LIC
27A DC WASHINGTON	BLEDT	20120731ALN	LIC
27A NY POUGHKEEPSIE	BLCDDT	20090902ACZ	LIC
27A NY UTICA	BMPCDDT	20080114ABF	APP
28A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.0011%

Worst case new IX 0.0011% Scenario 2

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	WTBY-TV	POUGHKEEPSIE NY	BLCDT	-20090902ACZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	WHPX-TV	NEW LONDON CT	146.0	CP	BPCDT	-20080313ABQ
26	WHPX-TV	NEW LONDON CT	146.0	LIC	BLCDT	-20090612AII
26	WTEN	ALBANY NY	126.4	LIC	BLCDT	-20060104ACC
26	KYW-TV	PHILADELPHIA PA	194.2	LIC	BLCDT	-20090326ABH
27	WETA-TV	WASHINGTON DC	387.6	LIC	BLEDT	-20120731ALN
27	WUTF-DT	MARLBOROUGH MA	226.0	LIC	BLCDT	-20120821ABC
27	WGTW-TV	BURLINGTON NJ	194.0	LIC	BLCDT	-20060105AAR
27	WFXV	UTICA NY	211.8	APP	BMPCDT	-20080114ABF
27	WFXV	UTICA NY	210.0	LIC	BLCDT	-20090331ADG
28	WNBC	NEW YORK NY	86.5	PLN	DTVPLN	-DTVPLN1034
28	WNBC-DT	NEW YORK NY	86.4	APP	USERRECORD-01	

Total scenarios = 4

Result key: 3
Scenario 1 Affected station 4
Before Analysis

Results for: 27A NY POUGHKEEPSIE BLCDT 20090902ACZ LIC
HAAT 358.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	17423873	30413.7
not affected by terrain losses	16786310	27682.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5885451	2950.3
lost to ATV IX only	5885451	2950.3
lost to all IX	5885451	2950.3

Potential Interfering Stations Included in above Scenario 1

26A CT NEW LONDON	BPCDT	20080313ABQ	CP
26A NY ALBANY	BLCDT	20060104ACC	LIC
26A PA PHILADELPHIA	BLCDT	20090326ABH	LIC
27A DC WASHINGTON	BLEDT	20120731ALN	LIC
27A MA MARLBOROUGH	BLCDT	20120821ABC	LIC
27A NJ BURLINGTON	BLCDT	20060105AAR	LIC
27A NY UTICA	BLCDT	20090331ADG	LIC
28A NY NEW YORK	DTVPLN	DTVPLN1034	PLN

After Analysis

Results for: 27A NY POUGHKEEPSIE BLCDT 20090902ACZ LIC
HAAT 358.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	17423873	30413.7
not affected by terrain losses	16786310	27682.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5904473	3002.2
lost to ATV IX only	5904473	3002.2
lost to all IX	5904473	3002.2

Potential Interfering Stations Included in above Scenario 1

26A CT NEW LONDON	BPCDT	20080313ABQ	CP
26A NY ALBANY	BLCDT	20060104ACC	LIC
26A PA PHILADELPHIA	BLCDT	20090326ABH	LIC
27A DC WASHINGTON	BLEDT	20120731ALN	LIC
27A MA MARLBOROUGH	BLCDT	20120821ABC	LIC
27A NJ BURLINGTON	BLCDT	20060105AAR	LIC
27A NY UTICA	BLCDT	20090331ADG	LIC
28A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.1745%

Result key: 4
Scenario 2 Affected station 4
Before Analysis

Results for: 27A NY POUGHKEEPSIE BLCDT 20090902ACZ LIC
HAAT 358.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	17423873	30413.7
not affected by terrain losses	16786310	27682.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5900558	3006.2
lost to ATV IX only	5900558	3006.2
lost to all IX	5900558	3006.2

Potential Interfering Stations Included in above Scenario 2

26A CT NEW LONDON	BLCDT	20090612AII	LIC
26A NY ALBANY	BLCDT	20060104ACC	LIC
26A PA PHILADELPHIA	BLCDT	20090326ABH	LIC
27A DC WASHINGTON	BLEDT	20120731ALN	LIC
27A MA MARLBOROUGH	BLCDT	20120821ABC	LIC
27A NJ BURLINGTON	BLCDT	20060105AAR	LIC
27A NY UTICA	BLCDT	20090331ADG	LIC
28A NY NEW YORK	DTVPLN	DTVP1034	PLN

After Analysis

Results for: 27A NY POUGHKEEPSIE BLCDT 20090902ACZ LIC
HAAT 358.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	17423873	30413.7
not affected by terrain losses	16786310	27682.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5919580	3058.1
lost to ATV IX only	5919580	3058.1
lost to all IX	5919580	3058.1

Potential Interfering Stations Included in above Scenario 2

26A CT NEW LONDON	BLCDT	20090612AII	LIC
26A NY ALBANY	BLCDT	20060104ACC	LIC
26A PA PHILADELPHIA	BLCDT	20090326ABH	LIC
27A DC WASHINGTON	BLEDT	20120731ALN	LIC
27A MA MARLBOROUGH	BLCDT	20120821ABC	LIC
27A NJ BURLINGTON	BLCDT	20060105AAR	LIC
27A NY UTICA	BLCDT	20090331ADG	LIC
28A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.1747%

Result key: 5
Scenario 3 Affected station 4
Before Analysis

Results for: 27A NY POUGHKEEPSIE BLCDT 20090902ACZ LIC
HAAT 358.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	17423873	30413.7
not affected by terrain losses	16786310	27682.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5877868	2962.3
lost to ATV IX only	5877868	2962.3
lost to all IX	5877868	2962.3

Potential Interfering Stations Included in above Scenario 3

26A CT NEW LONDON	BPCDT	20080313ABQ	CP
26A NY ALBANY	BLCDT	20060104ACC	LIC
26A PA PHILADELPHIA	BLCDT	20090326ABH	LIC
27A DC WASHINGTON	BLEDT	20120731ALN	LIC
27A MA MARLBOROUGH	BLCDT	20120821ABC	LIC
27A NJ BURLINGTON	BLCDT	20060105AAR	LIC
27A NY UTICA	BMPCDT	20080114ABF	APP
28A NY NEW YORK	DTVPLN	DTVP1034	PLN

After Analysis

Results for: 27A NY POUGHKEEPSIE BLC DT 20090902ACZ LIC
 HAAT 358.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	17423873	30413.7
not affected by terrain losses	16786310	27682.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5896890	3014.2
lost to ATV IX only	5896890	3014.2
lost to all IX	5896890	3014.2

Potential Interfering Stations Included in above Scenario 3

26A CT NEW LONDON	BPCDT	20080313ABQ	CP
26A NY ALBANY	BLC DT	20060104ACC	LIC
26A PA PHILADELPHIA	BLC DT	20090326ABH	LIC
27A DC WASHINGTON	BLEDT	20120731ALN	LIC
27A MA MARLBOROUGH	BLC DT	20120821ABC	LIC
27A NJ BURLINGTON	BLC DT	20060105AAR	LIC
27A NY UTICA	BMPCDT	20080114ABF	APP
28A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.1744%

Result key: 6
 Scenario 4 Affected station 4
 Before Analysis

Results for: 27A NY POUGHKEEPSIE BLC DT 20090902ACZ LIC
 HAAT 358.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	17423873	30413.7
not affected by terrain losses	16786310	27682.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5893966	3026.2
lost to ATV IX only	5893966	3026.2
lost to all IX	5893966	3026.2

Potential Interfering Stations Included in above Scenario 4

26A CT NEW LONDON	BLC DT	20090612AII	LIC
26A NY ALBANY	BLC DT	20060104ACC	LIC
26A PA PHILADELPHIA	BLC DT	20090326ABH	LIC
27A DC WASHINGTON	BLEDT	20120731ALN	LIC
27A MA MARLBOROUGH	BLC DT	20120821ABC	LIC
27A NJ BURLINGTON	BLC DT	20060105AAR	LIC
27A NY UTICA	BMPCDT	20080114ABF	APP
28A NY NEW YORK	DTVPLN	DTVP1034	PLN

After Analysis

Results for: 27A NY POUGHKEEPSIE BLC DT 20090902ACZ LIC
 HAAT 358.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	17423873	30413.7
not affected by terrain losses	16786310	27682.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5912988	3078.1
lost to ATV IX only	5912988	3078.1
lost to all IX	5912988	3078.1

Potential Interfering Stations Included in above Scenario 4

26A CT NEW LONDON	BLC DT	20090612AII	LIC
26A NY ALBANY	BLC DT	20060104ACC	LIC
26A PA PHILADELPHIA	BLC DT	20090326ABH	LIC
27A DC WASHINGTON	BLEDT	20120731ALN	LIC
27A MA MARLBOROUGH	BLC DT	20120821ABC	LIC
27A NJ BURLINGTON	BLC DT	20060105AAR	LIC
27A NY UTICA	BMPCDT	20080114ABF	APP
28A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.1746%

Worst case new IX 0.1747% Scenario 2

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Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	W28AJ	ALLINGTOWN CT	BLTTL -20010608AAO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	WCCT-TV	WATERBURY CT	47.2	LIC	BLCDDT -20090911ABK
20	WCCT-TV	WATERBURY CT	47.2	APP	BMPCDT -20080620AHG
21	WLIW	GARDEN CITY NY	69.1	APP	BMPEDT -20080620AID
21	WLIW	GARDEN CITY NY	69.1	LIC	BLEDT -20090612AEP
24	WNYE-TV	NEW YORK NY	104.1	LIC	BLEDT -20071228ABM
26	WHPX-TV	NEW LONDON CT	65.7	CP	BPCDDT -20080313ABQ
26	WHPX-TV	NEW LONDON CT	65.7	LIC	BLCDDT -20090612AII
27	WTBY-TV	POUGHKEEPSIE NY	84.7	LIC	BLCDDT -20090902ACZ
28	WFXQ-CD	SPRINGFIELD MA	90.9	CP	BPTTA -20081017AHG
28	WCPB	SALISBURY MD	393.0	LIC	BLEDT -20090209AEM
28	WCPB	SALISBURY MD	393.0	CP	BPEDT -20080318AAC
28	WNBC	NEW YORK NY	108.8	PLN	DTVPLN -DTVFP1034
29	WFME-TV	WEST MILFORD NJ	121.6	LIC	BLEDT -20040712ACP
30	WFUT-DT	NEWARK NJ	104.6	LIC	BLCDDT -20090618ABZ
31	WTIC-TV	HARTFORD CT	47.2	LIC	BLCDDT -20101222AAE
31	WPXN-TV	NEW YORK NY	108.8	APP	BMPCDT -20080620ALZ
31	WPXN-TV	NEW YORK NY	104.6	LIC	BLCDDT -20110729AAQ
35	WVIT	NEW BRITAIN CT	46.8	LIC	BLCDDT -20041203AEF
36	WNJU	LINDEN NJ	104.6	CP	BPCDDT -20111220AFK
36	WNJU	LINDEN NJ	120.2	LIC	BLCDDT -20080514ADL
42	WZME	BRIDGEPORT CT	14.5	APP	BPCDDT -20120601ARY
42	WZME	BRIDGEPORT CT	104.6	APP	BPCDDT -20120601ARY
42	WZME	BRIDGEPORT CT	14.5	LIC	BLCDDT -20061218ACB
28	WNBC-DT	NEW YORK NY	108.8	APP	USERRECORD-01

Total scenarios = 2

Result key: 7
Scenario 1 Affected station 5
Before Analysis

Results for: 28N CT ALLINGTOWN	BLTTL	20010608AAO	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	210202	156.1	
not affected by terrain losses	204399	152.1	
lost to NTSC IX	16549	12.0	
lost to additional IX by ATV	30070	56.1	
lost to all IX	46619	68.1	

Potential Interfering Stations Included in above Scenario 1

28N MA SPRINGFIELD	BPTTA	20081017AHG	CP
42A CT BRIDGEPORT	BLCDDT	20061218ACB	LIC
28A NY NEW YORK	DTVPLN	DTVFP1034	PLN

After Analysis

Results for: 28N CT ALLINGTOWN	BLTTL	20010608AAO	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	210202	156.1	
not affected by terrain losses	204399	152.1	
lost to NTSC IX	16549	12.0	
lost to additional IX by ATV	30070	56.1	
lost to all IX	46619	68.1	

Potential Interfering Stations Included in above Scenario 1

28N MA SPRINGFIELD	BPTTA	20081017AHG	CP
42A CT BRIDGEPORT	BLCDDT	20061218ACB	LIC
28A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 8
Scenario 2 Affected station 5
Before Analysis

Results for: 28N CT ALLINGTOWN	BLTTL	20010608AAO	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	210202	156.1	
not affected by terrain losses	204399	152.1	

lost to NTSC IX	16549	12.0
lost to additional IX by ATV	30070	56.1
lost to all IX	46619	68.1

Potential Interfering Stations Included in above Scenario 2

28N MA SPRINGFIELD	BPTTA	20081017AHG	CP
42A CT BRIDGEPORT	BPCDT	20120601ARY	APP
28A NY NEW YORK	DTVPLN	DTVP1034	PLN

After Analysis

Results for: 28N CT ALLINGTOWN	BLTTL	20010608AAO	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	210202	156.1	
not affected by terrain losses	204399	152.1	
lost to NTSC IX	16549	12.0	
lost to additional IX by ATV	30070	56.1	
lost to all IX	46619	68.1	

Potential Interfering Stations Included in above Scenario 2

28N MA SPRINGFIELD	BPTTA	20081017AHG	CP
42A CT BRIDGEPORT	BPCDT	20120601ARY	APP
28A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	WFXQ-CD	SPRINGFIELD MA	BPTTA	-20081017AHG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	WCCT-TV	WATERBURY CT	43.7	LIC	BLCDT	-20090911ABK
20	WCCT-TV	WATERBURY CT	43.7	APP	BMPCDT	-20080620AHG
20	WCVB-TV	BOSTON MA	123.3	LIC	BLCDT	-20020102AAH
21	WSBE-TV	PROVIDENCE RI	119.6	LIC	BLEDT	-20050307ACR
26	WHPX-TV	NEW LONDON CT	85.2	CP	BPCDT	-20080313ABQ
26	WHPX-TV	NEW LONDON CT	85.2	LIC	BLCDT	-20090612AII
26	WTEN	ALBANY NY	123.0	LIC	BLCDT	-20060104ACC
27	WUTF-DT	MARLBOROUGH MA	105.0	LIC	BLCDT	-20120821ABC
27	WTBY-TV	POUGHKEEPSIE NY	122.5	LIC	BLCDT	-20090902ACZ
28	W28AJ	ALLINGTOWN CT	90.9	LIC	BLTTL	-20010608AAO
28	W28DA-D	PITTSFIELD MA	59.7	LIC	BLDTT	-20090604ABU
28	W28CM	MANCHESTER NH	124.3	LIC	BLTTL	-20050418AAQ
28	WNBC	NEW YORK NY	187.6	PLN	DTVPLN	-DTVP1034
28	W28DQ-D	WINDSOR VT	152.4	LIC	BLDTL	-20120507ABK
29	WUNI	WORCESTER MA	86.0	LIC	BLCDT	-20090821ABQ
30	WBZ-TV	BOSTON MA	123.3	LIC	BLCDT	-20060420ABG
30	WBZ-TV	BOSTON MA	123.3	CP	BPCDT	-20080616ABK
31	WTIC-TV	HARTFORD CT	43.7	LIC	BLCDT	-20101222AAE
31	WFXT	BOSTON MA	124.7	LIC	BLCDT	-20090422ABH
32	WBPX-TV	BOSTON MA	124.3	LIC	BLCDT	-20040723ACG
32	WBPX-TV	BOSTON MA	124.7	CP	BPCDT	-20080620ACX
35	WVIT	NEW BRITAIN CT	44.0	LIC	BLCDT	-20041203AEF
35	WBNH-TV	DERRY NH	129.6	LIC	BLCDT	-20070126ACX
36	WCDC-TV	ADAMS MA	72.3	LIC	BLCDT	-20080718AAO
42	WZME	BRIDGEPORT CT	87.2	APP	BPCDT	-20120601ARY
42	WZME	BRIDGEPORT CT	87.2	LIC	BLCDT	-20061218ACB
42	WHDH-DR	BOSTON MA	125.0	APP	BPRM	-20090706ABZ
42	WHDH	BOSTON MA	125.0	LIC	BLCDT	-20101217AAX
43	WGBX-TV	BOSTON MA	123.3	LIC	BLEDT	-20021219AAN
43	WCWN	SCHENECTADY NY	123.0	LIC	BLCDT	-20110504ABZ
28	WNBC-DT	NEW YORK NY	187.6	APP	USERRECORD-01	
42	WZME	BRIDGEPORT CT		APP	BPCDT	-20120601ARY

Total scenarios = 1

Result key: 9

Scenario 1 Affected station 6
Before Analysis

Results for: 28N MA SPRINGFIELD BPTTA 20081017AHG CP
POPULATION AREA (sq km)
within Noise Limited Contour 851616 3647.6
not affected by terrain losses 808818 3175.7
lost to NTSC IX 4 4.0
lost to additional IX by ATV 0 0.0
lost to all IX 4 4.0

Potential Interfering Stations Included in above Scenario 1

28N CT ALLINGTOWN BLTTL 20010608AAO LIC

After Analysis

Results for: 28N MA SPRINGFIELD BPTTA 20081017AHG CP
POPULATION AREA (sq km)
within Noise Limited Contour 851616 3647.6
not affected by terrain losses 808818 3175.7
lost to NTSC IX 4 4.0
lost to additional IX by ATV 361 8.0
lost to all IX 365 12.0

Potential Interfering Stations Included in above Scenario 1

28N CT ALLINGTOWN BLTTL 20010608AAO LIC
28A NY NEW YORK USERRECORD01 APP

Percent new IX = 0.0424%

Worst case new IX 0.0424% Scenario 1

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	WFXQ-CD	SPRINGFIELD MA	BLDTA	-20100126ADA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WUTF-DT	MARLBOROUGH MA	95.8	LIC	BLCDT	-20120821ABC
28	W28AJ	ALLINGTOWN CT	110.0	LIC	BLTTL	-20010608AAO
28	W28DA-D	PITTSFIELD MA	54.5	LIC	BLDTT	-20090604ABU
28	WNBC	NEW YORK NY	205.6	PLN	DTVPLN	-DTVP1034
28	W28DQ-D	WINDSOR VT	133.5	LIC	BLDTL	-20120507ABK
29	WUNI	WORCESTER MA	77.0	LIC	BLCDT	-20090821ABQ
28	WNBC-DT	NEW YORK NY	205.5	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	WFPT	FREDERICK MD	BLEDT	-20090330AFA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WETA-TV	WASHINGTON DC	39.9	LIC	BLEDT	-20120731ALN
27	WGTW-TV	BURLINGTON NJ	197.7	LIC	BLCDT	-20060105AAR
28	WCPB	SALISBURY MD	177.8	LIC	BLEDT	-20090209AEM
28	WCPB	SALISBURY MD	177.8	CP	BPEDT	-20080318AAC
28	WRDC	DURHAM NC	412.7	LIC	BLCDT	-20090612AID
28	WNBC	NEW YORK NY	323.9	PLN	DTVPLN	-DTVP1034
29	WMPB	BALTIMORE MD	50.2	LIC	BLEDT	-20090330AEX
29	WUVP-DT	VINELAND NJ	197.7	LIC	BLCDT	-20090923ADS
29	WQMY	WILLIAMSPORT PA	216.2	LIC	BLCDT	-20090223ABU
28	WNBC-DT	NEW YORK NY	324.0	APP	USERRECORD-01	

Total scenarios = 2

Result key: 10
Scenario 1 Affected station 8
Before Analysis

Results for: 28A MD FREDERICK BLEDT 20090330AFA LIC
HAAT 158.0 m, ATV ERP 41.2 kW
POPULATION AREA (sq km)
within Noise Limited Contour 4301612 10265.6
not affected by terrain losses 3985857 8993.0
lost to NTSC IX 0 0.0
lost to additional IX by ATV 1413747 1204.2
lost to ATV IX only 1413747 1204.2
lost to all IX 1413747 1204.2

Potential Interfering Stations Included in above Scenario 1

27A DC WASHINGTON	BLEDT	20120731ALN	LIC
28A MD SALISBURY	BLEDT	20090209AEM	LIC
29A MD BALTIMORE	BLEDT	20090330AEX	LIC
28A NY NEW YORK	DTVPLN	DTVP1034	PLN

After Analysis

Results for: 28A MD FREDERICK BLEDT 20090330AFA LIC
HAAT 158.0 m, ATV ERP 41.2 kW
POPULATION AREA (sq km)
within Noise Limited Contour 4301612 10265.6
not affected by terrain losses 3985857 8993.0
lost to NTSC IX 0 0.0
lost to additional IX by ATV 1413747 1204.2
lost to ATV IX only 1413747 1204.2
lost to all IX 1413747 1204.2

Potential Interfering Stations Included in above Scenario 1

27A DC WASHINGTON	BLEDT	20120731ALN	LIC
28A MD SALISBURY	BLEDT	20090209AEM	LIC
29A MD BALTIMORE	BLEDT	20090330AEX	LIC
28A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 11
Scenario 2 Affected station 8
Before Analysis

Results for: 28A MD FREDERICK BLEDT 20090330AFA LIC
HAAT 158.0 m, ATV ERP 41.2 kW
POPULATION AREA (sq km)
within Noise Limited Contour 4301612 10265.6
not affected by terrain losses 3985857 8993.0
lost to NTSC IX 0 0.0
lost to additional IX by ATV 1395649 1143.8
lost to ATV IX only 1395649 1143.8
lost to all IX 1395649 1143.8

Potential Interfering Stations Included in above Scenario 2

27A DC WASHINGTON	BLEDT	20120731ALN	LIC
28A MD SALISBURY	BPEDT	20080318AAC	CP
29A MD BALTIMORE	BLEDT	20090330AEX	LIC
28A NY NEW YORK	DTVPLN	DTVP1034	PLN

After Analysis

Results for: 28A MD FREDERICK BLEDT 20090330AFA LIC
HAAT 158.0 m, ATV ERP 41.2 kW
POPULATION AREA (sq km)
within Noise Limited Contour 4301612 10265.6
not affected by terrain losses 3985857 8993.0
lost to NTSC IX 0 0.0
lost to additional IX by ATV 1395649 1143.8
lost to ATV IX only 1395649 1143.8
lost to all IX 1395649 1143.8

Potential Interfering Stations Included in above Scenario 2

27A DC WASHINGTON	BLEDT	20120731ALN	LIC
28A MD SALISBURY	BPEDT	20080318AAC	CP
29A MD BALTIMORE	BLEDT	20090330AEX	LIC
28A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	WCPB	SALISBURY MD	BLEDT -20090209AEM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	WETA-TV	WASHINGTON DC	143.5	LIC	BLEDT -20120731ALN
27	WGTW-TV	BURLINGTON NJ	186.6	LIC	BLCDDT -20060105AAR
28	WFPT	FREDERICK MD	177.8	LIC	BLEDT -20090330AFA
28	WRDC	DURHAM NC	398.6	LIC	BLCDDT -20090612AID
28	WNBC	NEW YORK NY	291.8	PLN	DTVPLN -DTVPLN1034
29	WMPB	BALTIMORE MD	156.4	LIC	BLEDT -20090330AEX
29	WUVP-DT	VINELAND NJ	186.6	LIC	BLCDDT -20090923ADS
29	WVBT	VIRGINIA BEACH VA	191.9	LIC	BLCDDT -20020326ABB
29	WVBT	VIRGINIA BEACH VA	191.9	CP	BPCDDT -20080619AJD
28	WNBC-DT	NEW YORK NY	291.9	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	WCPB	SALISBURY MD	BPEDT -20080318AAC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	WETA-TV	WASHINGTON DC	143.5	LIC	BLEDT -20120731ALN
27	WGTW-TV	BURLINGTON NJ	186.6	LIC	BLCDDT -20060105AAR
28	WFPT	FREDERICK MD	177.8	LIC	BLEDT -20090330AFA
28	WRDC	DURHAM NC	398.6	LIC	BLCDDT -20090612AID
28	WNBC	NEW YORK NY	291.8	PLN	DTVPLN -DTVPLN1034
29	WMPB	BALTIMORE MD	156.4	LIC	BLEDT -20090330AEX
29	WUVP-DT	VINELAND NJ	186.6	LIC	BLCDDT -20090923ADS
29	WVBT	VIRGINIA BEACH VA	191.9	LIC	BLCDDT -20020326ABB
29	WVBT	VIRGINIA BEACH VA	191.9	CP	BPCDDT -20080619AJD
28	WNBC-DT	NEW YORK NY	291.9	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	WUHF	ROCHESTER NY	BLCDDT -20050316AAK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	WFXV	UTICA NY	173.9	APP	BMPDDT -20080114ABF
27	WFXV	UTICA NY	195.4	LIC	BLCDDT -20090331ADG
28	WNBC	NEW YORK NY	399.6	PLN	DTVPLN -DTVPLN1034
28	WUAB	LORAIN OH	392.1	LIC	BLCDDT -20020516AAG
29	WKTV	UTICA NY	214.6	LIC	BLCDDT -20060630ACL
29	WQMY	WILLIAMSPORT PA	218.4	LIC	BLCDDT -20090223ABU
28	WNBC-DT	NEW YORK NY	399.6	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	WNYF-CA	WATERTOWN NY	BLTTA -20010129AAT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	WNYI	ITHACA NY	134.2	LIC	BLCDDT -20100520AEA
20	WNYI	ITHACA NY	134.2	CP MOD	BMPDDT -20100430AEA
21	WWTI	WATERTOWN NY	12.9	LIC	BLCDDT -20040128AFQ
24	WSTM-TV	SYRACUSE NY	114.6	LIC	BLCDDT -20090622AEM
25	WCNY-TV	SYRACUSE NY	114.6	LIC	BMLEDT -20040916ABJ
27	WFXV	UTICA NY	106.8	APP	BMPDDT -20080114ABF
27	WFXV	UTICA NY	104.8	LIC	BLCDDT -20090331ADG
28	WNBC	NEW YORK NY	390.6	PLN	DTVPLN -DTVFP1034
28	WUHF	ROCHESTER NY	167.6	LIC	BLCDDT -20050316AAK
28	WVVC-LD	UTICA NY	114.6	APP	BDISDTL -20120229AAH
29	WKTV	UTICA NY	119.4	LIC	BLCDDT -20060630ACL
30	WUTR	UTICA NY	104.8	LIC	BLCDDT -20040217ADC
28	WNBC-DT	NEW YORK NY	390.5	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	WFFA-CA	PHILADELPHIA PA	BLTTT -20000428ABK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	WHP-TV	HARRISBURG PA	142.7	LIC	BLCDDT -20090615ADL
21	WHP-TV	HARRISBURG PA	142.7	CP	BPCDDT -20100325ABG
24	WNYE-TV	NEW YORK NY	132.5	LIC	BLEDT -20071228ABM
25	WTVE	READING PA	50.6	APP	BPCDDT -20100422ACQ
25	WTVE	READING PA	0.3	LIC	BLCDDT -20100405ABM
25	WTVE	READING PA	66.2	LIC	BLCDDT -20100405ABM
25	WTVE	READING PA	0.3	LIC	BLCDDT -20081117ADZ
26	KYW-TV	PHILADELPHIA PA	0.6	LIC	BLCDDT -20090326ABH
27	WGTW-TV	BURLINGTON NJ	0.3	LIC	BLCDDT -20060105AAR
28	WFPT	FREDERICK MD	197.6	LIC	BLEDT -20090330AFA
28	WCPB	SALISBURY MD	186.3	LIC	BLEDT -20090209AEM
28	WCPB	SALISBURY MD	186.3	CP	BPEDT -20080318AAC
28	WNBC	NEW YORK NY	127.8	PLN	DTVPLN -DTVFP1034
29	WUVP-DT	VINELAND NJ	0.3	LIC	BLCDDT -20090923ADS
29	WFME-TV	WEST MILFORD NJ	117.6	LIC	BLEDT -20040712ACP
30	WFUT-DT	NEWARK NJ	132.0	LIC	BLCDDT -20090618ABZ
30	WGCB-TV	RED LION PA	115.6	LIC	BLCDDT -20050615AAB
31	WPPX-TV	WILMINGTON DE	0.3	CP	BPCDDT -20080620AMP
31	WPPX-TV	WILMINGTON DE	0.3	LIC	BLCDDT -20031203AFL
31	WPXN-TV	NEW YORK NY	127.8	APP	BMPDDT -20080620ALZ
31	WPXN-TV	NEW YORK NY	132.0	LIC	BLCDDT -20110729AAQ
32	WPSG	PHILADELPHIA PA	0.3	LIC	BLCDDT -20021025AAS
32	WPSG	PHILADELPHIA PA	0.3	CP	BPCDDT -20111024ACS
35	WYBE	PHILADELPHIA PA	0.3	LIC	BLEDT -20091222ARE
36	WNJU	LINDEN NJ	132.0	CP	BPCDDT -20111220AFK
36	WNJU	LINDEN NJ	119.2	LIC	BLCDDT -20080514ADL
36	WMGM-TV	WILDWOOD NJ	109.4	LIC	BLCDDT -20060626ABE
36	WITF-TV	HARRISBURG PA	142.7	LIC	BLEDT -20000922AAE
36	WITF-TV	HARRISBURG PA	142.7	CP	BPEDT -20080620AMA
42	WZME	BRIDGEPORT CT	132.0	APP	BPCDDT -20120601ARY
42	WTFX-TV	PHILADELPHIA PA	0.2	LIC	BLCDDT -20120511ADN
43	WNJT	TRENTON NJ	54.0	LIC	BLEDT -20110427ABE
28	WNBC-DT	NEW YORK NY	127.8	APP	USERRECORD-01
42	WZME	BRIDGEPORT CT		APP	BPCDDT -20120601ARY

Total scenarios = 4

Result key: 12
 Scenario 1 Affected station 13
 Before Analysis

Results for: 28N PA PHILADELPHIA	BLTTL	20000428ABK	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2009995	669.9	
not affected by terrain losses	2009995	669.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	273047	153.3	
lost to all IX	273047	153.3	

Potential Interfering Stations Included in above Scenario 1

25A PA READING	BLCDDT	20100405ABM	LIC
26A PA PHILADELPHIA	BLCDDT	20090326ABH	LIC
27A NJ BURLINGTON	BLCDDT	20060105AAR	LIC
29A NJ VINELAND	BLCDDT	20090923ADS	LIC
31A DE WILMINGTON	BPCDDT	20080620AMP	CP
32A PA PHILADELPHIA	BLCDDT	20021025AAS	LIC
35A PA PHILADELPHIA	BLEDDT	20091222ARE	LIC
28A NY NEW YORK	DTVPLN	DTVP1034	PLN

After Analysis

Results for: 28N PA PHILADELPHIA	BLTTL	20000428ABK	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2009995	669.9	
not affected by terrain losses	2009995	669.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	279323	161.4	
lost to all IX	279323	161.4	

Potential Interfering Stations Included in above Scenario 1

25A PA READING	BLCDDT	20100405ABM	LIC
26A PA PHILADELPHIA	BLCDDT	20090326ABH	LIC
27A NJ BURLINGTON	BLCDDT	20060105AAR	LIC
29A NJ VINELAND	BLCDDT	20090923ADS	LIC
31A DE WILMINGTON	BPCDDT	20080620AMP	CP
32A PA PHILADELPHIA	BLCDDT	20021025AAS	LIC
35A PA PHILADELPHIA	BLEDDT	20091222ARE	LIC
28A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.3122%

Result key: 13
 Scenario 2 Affected station 13
 Before Analysis

Results for: 28N PA PHILADELPHIA	BLTTL	20000428ABK	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2009995	669.9	
not affected by terrain losses	2009995	669.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	273047	153.3	
lost to all IX	273047	153.3	

Potential Interfering Stations Included in above Scenario 2

25A PA READING	BLCDDT	20100405ABM	LIC
26A PA PHILADELPHIA	BLCDDT	20090326ABH	LIC
27A NJ BURLINGTON	BLCDDT	20060105AAR	LIC
29A NJ VINELAND	BLCDDT	20090923ADS	LIC
31A DE WILMINGTON	BPCDDT	20080620AMP	CP
32A PA PHILADELPHIA	BPCDDT	20111024ACS	CP
35A PA PHILADELPHIA	BLEDDT	20091222ARE	LIC
28A NY NEW YORK	DTVPLN	DTVP1034	PLN

After Analysis

Results for: 28N PA PHILADELPHIA	BLTTL	20000428ABK	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2009995	669.9	
not affected by terrain losses	2009995	669.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	279323	161.4	
lost to all IX	279323	161.4	

Potential Interfering Stations Included in above Scenario 2

25A PA READING	BLCDT	20100405ABM	LIC
26A PA PHILADELPHIA	BLCDT	20090326ABH	LIC
27A NJ BURLINGTON	BLCDT	20060105AAR	LIC
29A NJ VINELAND	BLCDT	20090923ADS	LIC
31A DE WILMINGTON	BPCDT	20080620AMP	CP
32A PA PHILADELPHIA	BPCDT	20111024ACS	CP
35A PA PHILADELPHIA	BLEDT	20091222ARE	LIC
28A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.3122%

Result key: 14
 Scenario 3 Affected station 13
 Before Analysis

Results for: 28N PA PHILADELPHIA	BLTTL	20000428ABK	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2009995	669.9	
not affected by terrain losses	2009995	669.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	273047	153.3	
lost to all IX	273047	153.3	

Potential Interfering Stations Included in above Scenario 3

25A PA READING	BLCDT	20100405ABM	LIC
26A PA PHILADELPHIA	BLCDT	20090326ABH	LIC
27A NJ BURLINGTON	BLCDT	20060105AAR	LIC
29A NJ VINELAND	BLCDT	20090923ADS	LIC
31A DE WILMINGTON	BLCDT	20031203AFL	LIC
32A PA PHILADELPHIA	BLCDT	20021025AAS	LIC
35A PA PHILADELPHIA	BLEDT	20091222ARE	LIC
28A NY NEW YORK	DTVPLN	DTVP1034	PLN

After Analysis

Results for: 28N PA PHILADELPHIA	BLTTL	20000428ABK	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2009995	669.9	
not affected by terrain losses	2009995	669.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	279323	161.4	
lost to all IX	279323	161.4	

Potential Interfering Stations Included in above Scenario 3

25A PA READING	BLCDT	20100405ABM	LIC
26A PA PHILADELPHIA	BLCDT	20090326ABH	LIC
27A NJ BURLINGTON	BLCDT	20060105AAR	LIC
29A NJ VINELAND	BLCDT	20090923ADS	LIC
31A DE WILMINGTON	BLCDT	20031203AFL	LIC
32A PA PHILADELPHIA	BLCDT	20021025AAS	LIC
35A PA PHILADELPHIA	BLEDT	20091222ARE	LIC
28A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.3122%

Result key: 15
 Scenario 4 Affected station 13
 Before Analysis

Results for: 28N PA PHILADELPHIA	BLTTL	20000428ABK	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2009995	669.9	
not affected by terrain losses	2009995	669.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	273047	153.3	
lost to all IX	273047	153.3	

Potential Interfering Stations Included in above Scenario 4

25A PA READING	BLCDT	20100405ABM	LIC
26A PA PHILADELPHIA	BLCDT	20090326ABH	LIC
27A NJ BURLINGTON	BLCDT	20060105AAR	LIC
29A NJ VINELAND	BLCDT	20090923ADS	LIC
31A DE WILMINGTON	BLCDT	20031203AFL	LIC
32A PA PHILADELPHIA	BPCDT	20111024ACS	CP

35A PA PHILADELPHIA	BLEDT	20091222ARE	LIC
28A NY NEW YORK	DTVPLN	DTVP1034	PLN

After Analysis

Results for: 28N PA PHILADELPHIA	BLTTL	20000428ABK	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2009995	669.9	
not affected by terrain losses	2009995	669.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	279323	161.4	
lost to all IX	279323	161.4	

Potential Interfering Stations Included in above Scenario 4

25A PA READING	BLCDDT	20100405ABM	LIC
26A PA PHILADELPHIA	BLCDDT	20090326ABH	LIC
27A NJ BURLINGTON	BLCDDT	20060105AAR	LIC
29A NJ VINELAND	BLCDDT	20090923ADS	LIC
31A DE WILMINGTON	BLCDDT	20031203AFL	LIC
32A PA PHILADELPHIA	BPCDDT	20111024ACS	CP
35A PA PHILADELPHIA	BLEDT	20091222ARE	LIC
28A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.3122%

Worst case new IX 0.3122% Scenario 1

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	WAZF-CA	WINCHESTER/FRONT ROY VA	BLTTL	-19940422IK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	WVPY	FRONT ROYAL VA	29.3	LIC	BLEDT	-20100209AAB
21	WVPY	FRONT ROYAL VA	82.3	CP	BPEDT	-20120321AAF
21	WVPY	FRONT ROYAL VA	76.9	CP	BPEDT	-20120321AAF
21	WVPY	FRONT ROYAL VA	90.4	CP	BPEDT	-20120321AAF
21	WVPY	FRONT ROYAL VA	29.3	CP	BPEDT	-20120321AAF
24	WNVF	FAIRFAX VA	89.9	LIC	BLEDT	-20090612ACS
26	WHAG-TV	HAGERSTOWN MD	55.0	LIC	BLCDDT	-20090612AFP
27	WETA-TV	WASHINGTON DC	98.7	LIC	BLEDT	-20120731ALN
28	WFPT	FREDERICK MD	75.0	LIC	BLEDT	-20090330AFA
28	WCPB	SALISBURY MD	241.5	LIC	BLEDT	-20090209AEM
28	WCPB	SALISBURY MD	241.5	CP	BPEDT	-20080318AAC
28	WRDC	DURHAM NC	392.5	LIC	BLCDDT	-20090612AID
28	WNBC	NEW YORK NY	392.8	PLN	DTVPLN	-DTVP1034
28	WVTX-CA	BRIDGEPORT OH	240.6	LIC	BLTTA	-20100322ABR
28	WVTX-CA	BRIDGEPORT OH	240.6	APP	BSTA	-20061222ABQ
28	WUAB	LORAIN OH	386.0	LIC	BLCDDT	-20020516AAG
29	WMPB	BALTIMORE MD	123.5	LIC	BLEDT	-20090330AEX
30	WNPV	GOLDVEIN VA	89.9	LIC	BLEDT	-20031230AAR
32	WVIR-TV	CHARLOTTESVILLE VA	137.3	LIC	BLCDDT	-20040908AAE
35	WDCA	WASHINGTON DC	98.3	LIC	BLCDDT	-20070411AAH
35	WDCA	WASHINGTON DC	98.3	CP	BPCDDT	-20080620ANP
36	WTTG	WASHINGTON DC	98.3	LIC	BLCDDT	-20080507AAA
36	WGPT	OAKLAND MD	98.6	LIC	BLEDT	-20110509ACO
42	WMPT	ANNAPOLIS MD	137.0	LIC	BLEDT	-20100813BHC
28	WNBC-DT	NEW YORK NY	392.9	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	WUVP-DT	VINELAND NJ	BLCDDT	-20090923ADS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	WFPT	FREDERICK MD	197.7	LIC	BLEDT	-20090330AFA
28	WCPB	SALISBURY MD	186.6	LIC	BLEDT	-20090209AEM
28	WCPB	SALISBURY MD	186.6	CP	BPEDT	-20080318AAC
28	WNBC	NEW YORK NY	127.6	PLN	DTVPLN	-DTPV1034
29	WUNI	WORCESTER MA	389.5	LIC	BLCDT	-20090821ABQ
29	WMPB	BALTIMORE MD	147.5	LIC	BLEDT	-20090330AEX
29	WFME-TV	WEST MILFORD NJ	117.4	LIC	BLEDT	-20040712ACP
29	WKTV	UTICA NY	341.1	LIC	BLCDT	-20060630ACL
29	WQMY	WILLIAMSPORT PA	204.6	LIC	BLCDT	-20090223ABU
29	WVBT	VIRGINIA BEACH VA	374.8	LIC	BLCDT	-20020326ABB
29	WVBT	VIRGINIA BEACH VA	374.8	CP	BPCDT	-20080619AJD
30	WFUT-DT	NEWARK NJ	131.8	LIC	BLCDT	-20090618ABZ
30	WGCB-TV	RED LION PA	115.7	LIC	BLCDT	-20050615AAB
28	WNBC-DT	NEW YORK NY	127.6	APP	USERRECORD-01	

Total scenarios = 1

Result key: 16
Scenario 1 Affected station 15
Before Analysis

Results for: 29A NJ VINELAND BLC DT 20090923ADS LIC
HAAT 398.0 m, ATV ERP 335.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8561362	26007.0
not affected by terrain losses	8442690	25313.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	534221	1939.7
lost to ATV IX only	534221	1939.7
lost to all IX	534221	1939.7

Potential Interfering Stations Included in above Scenario 1

29A MD BALTIMORE	BLEDT	20090330AEX	LIC
29A NJ WEST MILFORD	BLEDT	20040712ACP	LIC
29A PA WILLIAMSPORT	BLCDT	20090223ABU	LIC
30A NJ NEWARK	BLCDT	20090618ABZ	LIC
30A PA RED LION	BLCDT	20050615AAB	LIC
28A NY NEW YORK	DTVPLN	DTPV1034	PLN

After Analysis

Results for: 29A NJ VINELAND BLC DT 20090923ADS LIC
HAAT 398.0 m, ATV ERP 335.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8561362	26007.0
not affected by terrain losses	8442690	25313.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	534221	1939.7
lost to ATV IX only	534221	1939.7
lost to all IX	534221	1939.7

Potential Interfering Stations Included in above Scenario 1

29A MD BALTIMORE	BLEDT	20090330AEX	LIC
29A NJ WEST MILFORD	BLEDT	20040712ACP	LIC
29A PA WILLIAMSPORT	BLCDT	20090223ABU	LIC
30A NJ NEWARK	BLCDT	20090618ABZ	LIC
30A PA RED LION	BLCDT	20050615AAB	LIC
28A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 16

Analysis of current record
Channel Call City/State Application Ref. No.
29 WFME-TV WEST MILFORD NJ BLEDT -20040712ACP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	WNBC	NEW YORK NY	22.0	PLN	DTVPLN	-DTVP1034
29	WUNI	WORCESTER MA	272.4	LIC	BLCDDT	-20090821ABQ
29	WMPB	BALTIMORE MD	261.3	LIC	BLEDT	-20090330AEX
29	WUVP-DT	VINELAND NJ	117.4	LIC	BLCDDT	-20090923ADS
29	WKTV	UTICA NY	263.4	LIC	BLCDDT	-20060630ACL
29	WQMY	WILLIAMSPORT PA	244.7	LIC	BLCDDT	-20090223ABU
30	WFUT-DT	NEWARK NJ	23.1	LIC	BLCDDT	-20090618ABZ
30	WGCB-TV	RED LION PA	220.3	LIC	BLCDDT	-20050615AAB
28	WNBC-DT	NEW YORK NY	22.0	APP	USERRECORD-01	

Total scenarios = 1

Result key: 17
Scenario 1 Affected station 16
Before Analysis

Results for: 29A NJ WEST MILFORD BLEDT 20040712ACP LIC
HAAT 167.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	16062939	12178.5
not affected by terrain losses	15895421	11255.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2037089	3457.7
lost to ATV IX only	2037089	3457.7
lost to all IX	2037089	3457.7

Potential Interfering Stations Included in above Scenario 1

29A MA WORCESTER	BLCDDT	20090821ABQ	LIC
29A MD BALTIMORE	BLEDT	20090330AEX	LIC
29A NJ VINELAND	BLCDDT	20090923ADS	LIC
29A NY UTICA	BLCDDT	20060630ACL	LIC
29A PA WILLIAMSPORT	BLCDDT	20090223ABU	LIC
30A NJ NEWARK	BLCDDT	20090618ABZ	LIC
28A NY NEW YORK	DTVPLN	DTVP1034	PLN

After Analysis

Results for: 29A NJ WEST MILFORD BLEDT 20040712ACP LIC
HAAT 167.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	16062939	12178.5
not affected by terrain losses	15895421	11255.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2049389	3506.0
lost to ATV IX only	2049389	3506.0
lost to all IX	2049389	3506.0

Potential Interfering Stations Included in above Scenario 1

29A MA WORCESTER	BLCDDT	20090821ABQ	LIC
29A MD BALTIMORE	BLEDT	20090330AEX	LIC
29A NJ VINELAND	BLCDDT	20090923ADS	LIC
29A NY UTICA	BLCDDT	20060630ACL	LIC
29A PA WILLIAMSPORT	BLCDDT	20090223ABU	LIC
30A NJ NEWARK	BLCDDT	20090618ABZ	LIC
28A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.0888%

Worst case new IX 0.0888% Scenario 1

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	WNBC-DT	NEW YORK NY	USERRECORD-01	

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WGTW-TV	BURLINGTON NJ	127.6	LIC	BLCDDT	-20060105AAR
27	WTBY-TV	POUGHKEEPSIE NY	86.4	LIC	BLCDDT	-20090902ACZ

28	WFPT	FREDERICK MD	324.0	LIC	BLEDT	-20090330AFA
28	WCPB	SALISBURY MD	291.9	LIC	BLEDT	-20090209AEM
28	WCPB	SALISBURY MD	291.9	CP	BPEDT	-20080318AAC
28	WUHF	ROCHESTER NY	399.6	LIC	BLCDDT	-20050316AAK
29	WUVP-DT	VINELAND NJ	127.6	LIC	BLCDDT	-20090923ADS
29	WFME-TV	WEST MILFORD NJ	22.0	LIC	BLEDT	-20040712ACP

Total scenarios = 2

Result key: 18
 Scenario 1 Affected station 17
 Before Analysis

Results for: 28A NY NEW YORK USERRECORD01 APP
 HAAT 519.0 m, ATV ERP 175.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20372653	32382.4
not affected by terrain losses	19970537	30366.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	213070	1329.5
lost to ATV IX only	213070	1329.5
lost to all IX	213070	1329.5

Potential Interfering Stations Included in above Scenario 1

27A NJ BURLINGTON	BLCDDT	20060105AAR	LIC
27A NY Poughkeepsie	BLCDDT	20090902ACZ	LIC
28A MD FREDERICK	BLEDT	20090330AFA	LIC
28A MD SALISBURY	BLEDT	20090209AEM	LIC
29A NJ VINELAND	BLCDDT	20090923ADS	LIC
29A NJ WEST MILFORD	BLEDT	20040712ACP	LIC

Result key: 19
 Scenario 2 Affected station 17
 Before Analysis

Results for: 28A NY NEW YORK USERRECORD01 APP
 HAAT 519.0 m, ATV ERP 175.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20372653	32382.4
not affected by terrain losses	19970537	30366.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	213070	1329.5
lost to ATV IX only	213070	1329.5
lost to all IX	213070	1329.5

Potential Interfering Stations Included in above Scenario 2

27A NJ BURLINGTON	BLCDDT	20060105AAR	LIC
27A NY Poughkeepsie	BLCDDT	20090902ACZ	LIC
28A MD FREDERICK	BLEDT	20090330AFA	LIC
28A MD SALISBURY	BPEDT	20080318AAC	CP
29A NJ VINELAND	BLCDDT	20090923ADS	LIC
29A NJ WEST MILFORD	BLEDT	20040712ACP	LIC

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

APPENDIX B

STATION B ALLOCATION ANALYSIS

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
TW Census data selected 2000
Data Base Selected
/export/home/cdbs/pt_tvdb.sff

WARNING WARNING WARNING

The following list of station records has been excluded from the analysis due to the fact that they have the same state, city and channel as the proposed station - This could cause the program to not find a potential fail situation

You can force the program to include these records by setting the state of the proposed record to ZZ and re-running the analysis

WCBS-TV	33	NEW YORK	NY	BMPCDT	20080619AAZ
WCBS-TV	33	NEW YORK	NY	BMPCDT	20080619AAZ
WCBS-TV	33	NEW YORK	NY	BPCDT	20090924AAQ
WCBS-TV	33	NEW YORK	NY	BLCDT	20090612AFN

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 09-27-2012 Time: 11:11:30

Record Selected for Analysis

WCBS-DT USERRECORD-01 NEW YORK NY US
Channel 33 ERP 313. kW HAAT 519. m RCAMSL 00530 m
Latitude 040-42-46 Longitude 0074-00-49
Status APP Zone 1 Border Site number: 01
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility (site # 01) meets maximum height/power limits

Site number	1			
Azimuth	ERP	HAAT	41.0	dBu F(50,90)
(Deg)	(kW)	(m)		(km)
0.0	313.000	511.9		104.4
45.0	313.000	529.1		105.7
90.0	313.000	508.4		104.1
135.0	313.000	519.9		105.0
180.0	313.000	522.8		105.2
225.0	313.000	519.6		105.0
270.0	313.000	521.3		105.1
315.0	313.000	516.6		104.8

Evaluation toward Class A Stations from site # 01

No Spacing violations or contour overlap
to Class A stations from site # 01

Class A Evaluation Complete

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance
Distance to border = 397.6km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
33	WCBS-DT	NEW YORK NY	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WPSG	PHILADELPHIA PA	127.6	LIC	BLCDT	20021025AAS
32	WPSG	PHILADELPHIA PA	127.6	CP	BPCDT	20111024ACS
32	WQPX-TV	SCRANTON PA	164.4	LIC	BLCDT	20060629AFR
33	WFSB	HARTFORD CT	155.3	CP	BPCDT	20110630AAH
33	WFSB	HARTFORD CT	155.3	LIC	BLCDT	20041029AIL
33	WHUT-TV	WASHINGTON DC	326.9	CP	BPEDT	20120627AAD
33	WHUT-TV	WASHINGTON DC	326.9	LIC	BLEDT	20071018AIJ
33	WPXG-TV	CONCORD NH	353.6	CP	BPCDT	20080619AJF
33	WPXG-TV	CONCORD NH	353.6	LIC	BLCDT	20031014AEP
34	WIVT	BINGHAMTON NY	219.9	LIC	BLCDT	20090819AGR
34	WMHT	SCHENECTADY NY	212.6	LIC	BLEDT	20040108ALV
34	WCAU	PHILADELPHIA PA	127.6	LIC	BLCDT	20090914AAX

%%%

Analysis of Interference to Affected Station 1

Channel	Call	City/State	Application	Ref. No.
32	WPSG	PHILADELPHIA PA	BLCDT	-20021025AAS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	WPPX-TV	WILMINGTON DE	0.0	CP	BPCDT	-20080620AMP
31	WPPX-TV	WILMINGTON DE	0.0	LIC	BLCDT	-20031203AFL
31	WPXN-TV	NEW YORK NY	127.6	APP	BMPCDT	-20080620ALZ
31	WPXN-TV	NEW YORK NY	131.8	LIC	BLCDT	-20110729AAQ
31	WSWB	SCRANTON PA	160.4	LIC	BMLCDT	-20090529AJJ
31	WSWB-DR	SCRANTON PA	160.4	APP	BPRM	-20080619ALI
32	WBPX-TV	BOSTON MA	419.6	LIC	BLCDT	-20040723ACG
32	WBPX-TV	BOSTON MA	419.6	CP	BPCDT	-20080620ACX
32	WTAJ-TV	ALTOONA PA	277.9	LIC	BLCDT	-20051018ACE
32	WQPX-TV	SCRANTON PA	160.3	LIC	BLCDT	-20060629AFR
32	WVIR-TV	CHARLOTTESVILLE VA	361.7	LIC	BLCDT	-20040908AAE
33	WHUT-TV	WASHINGTON DC	199.3	CP	BPEDT	-20120627AAD
33	WHUT-TV	WASHINGTON DC	199.3	LIC	BLEDT	-20071018AIJ
33	WCBS-TV	NEW YORK NY	127.6	PLN	DTVPLN	-DTVPL1219
33	WCBS-DT	NEW YORK NY	127.6	APP	USERRECORD-01	

Total scenarios = 2

Result key: 1
Scenario 1 Affected station 1
Before Analysis

Results for: 32A PA PHILADELPHIA BLCDT 20021025AAS LIC
HAAT 400.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8509480	24022.7
not affected by terrain losses	8152989	23215.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	292253	698.5
lost to ATV IX only	292253	698.5
lost to all IX	292253	698.5

Potential Interfering Stations Included in above Scenario 1

31A NY NEW YORK	BLCDT	20110729AAQ	LIC
32A PA ALTOONA	BLCDT	20051018ACE	LIC
32A PA SCRANTON	BLCDT	20060629AFR	LIC
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC
33A NY NEW YORK	DTVPLN	DTVP1219	PLN

After Analysis

Results for: 32A PA PHILADELPHIA BLCDT 20021025AAS LIC
HAAT 400.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8509480	24022.7
not affected by terrain losses	8152989	23215.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	363607	851.9
lost to ATV IX only	363607	851.9
lost to all IX	363607	851.9

Potential Interfering Stations Included in above Scenario 1

31A NY NEW YORK	BLCDT	20110729AAQ	LIC
32A PA ALTOONA	BLCDT	20051018ACE	LIC
32A PA SCRANTON	BLCDT	20060629AFR	LIC
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC
33A NY NEW YORK	USERRECORD01		APP

The following station failed the de minimis interference criteria.

33D NY NEW YORK USERRECORD01
ERP 313.00 kW HAAT 519.0 m RCAMSL 530.0 m
Antenna none

Due to interference to the following station and scenario: 1
32D PA PHILADELPHIA BLCDT 20021025AAS
ERP 250.00 kW HAAT 400.0 m RCAMSL 465.0 m
Antenna CDB 00000000044229

Percent new interference from proposal: 0.9077 to BLCDT 20021025AAS

Result key: 2
Scenario 2 Affected station 1
Before Analysis

Results for: 32A PA PHILADELPHIA BLCDT 20021025AAS LIC
HAAT 400.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8509480	24022.7
not affected by terrain losses	8152989	23215.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	292738	702.5
lost to ATV IX only	292738	702.5
lost to all IX	292738	702.5

Potential Interfering Stations Included in above Scenario 2

31A NY NEW YORK	BMPCDT	20080620ALZ	APP
32A PA ALTOONA	BLCDT	20051018ACE	LIC
32A PA SCRANTON	BLCDT	20060629AFR	LIC
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC
33A NY NEW YORK	DTVPLN	DTVP1219	PLN

After Analysis

Results for: 32A PA PHILADELPHIA BLCDT 20021025AAS LIC
HAAT 400.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8509480	24022.7
not affected by terrain losses	8152989	23215.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	363607	851.9
lost to ATV IX only	363607	851.9
lost to all IX	363607	851.9

Potential Interfering Stations Included in above Scenario 2

31A NY NEW YORK	BMPCDT	20080620ALZ	APP
32A PA ALTOONA	BLCDT	20051018ACE	LIC
32A PA SCRANTON	BLCDT	20060629AFR	LIC
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC

33A NY NEW YORK

USERRECORD01

APP

The following station failed the de minimis interference criteria.

33D NY NEW YORK USERRECORD01
ERP 313.00 kW HAAT 519.0 m RCAMSL 530.0 m
Antenna none

Due to interference to the following station and scenario: 2

32D PA PHILADELPHIA BLCDT 20021025AAS
ERP 250.00 kW HAAT 400.0 m RCAMSL 465.0 m
Antenna CDB 0000000044229

Percent new interference from proposal: 0.9016 to BLCDT 20021025AAS

Worst case new IX 0.9077% Scenario 1

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
32	WPSG	PHILADELPHIA PA	BPCDT	-20111024ACS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	WPPX-TV	WILMINGTON DE	0.0	CP	BPCDT	-20080620AMP
31	WPPX-TV	WILMINGTON DE	0.0	LIC	BLCDT	-20031203AFL
31	WPXN-TV	NEW YORK NY	127.6	APP	BMPCDT	-20080620ALZ
31	WPXN-TV	NEW YORK NY	131.8	LIC	BLCDT	-20110729AAQ
31	WSWB	SCRANTON PA	160.4	LIC	BMLCDT	-20090529AJJ
31	WSWB-DR	SCRANTON PA	160.4	APP	BPRM	-20080619ALI
32	WBPX-TV	BOSTON MA	419.6	LIC	BLCDT	-20040723ACG
32	WBPX-TV	BOSTON MA	419.6	CP	BPCDT	-20080620ACX
32	WTAJ-TV	ALTOONA PA	277.9	LIC	BLCDT	-20051018ACE
32	WQPX-TV	SCRANTON PA	160.3	LIC	BLCDT	-20060629AFR
32	WVIR-TV	CHARLOTTESVILLE VA	361.7	LIC	BLCDT	-20040908AAE
33	WHUT-TV	WASHINGTON DC	199.3	CP	BPEDT	-20120627AAD
33	WHUT-TV	WASHINGTON DC	199.3	LIC	BLEDT	-20071018AIJ
33	WCBS-TV	NEW YORK NY	127.6	PLN	DTVPLN	-DTVPL1219
33	WCBS-DT	NEW YORK NY	127.6	APP	USERRECORD-01	

Total scenarios = 2

Result key: 3
Scenario 1 Affected station 2
Before Analysis

Results for: 32A PA PHILADELPHIA BPCDT 20111024ACS CP
HAAT 400.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9669508	29443.7
not affected by terrain losses	9370058	28661.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	381067	985.7
lost to ATV IX only	381067	985.7
lost to all IX	381067	985.7

Potential Interfering Stations Included in above Scenario 1

31A NY NEW YORK	BLCDT	20110729AAQ	LIC
32A PA ALTOONA	BLCDT	20051018ACE	LIC
32A PA SCRANTON	BLCDT	20060629AFR	LIC
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC
33A NY NEW YORK	DTVPLN	DTVPL1219	PLN

After Analysis

Results for: 32A PA PHILADELPHIA BPCDT 20111024ACS CP
HAAT 400.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9669508	29443.7
not affected by terrain losses	9370058	28661.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	434564	1069.5

lost to ATV IX only	434564	1069.5
lost to all IX	434564	1069.5

Potential Interfering Stations Included in above Scenario 1

31A NY NEW YORK	BLCDT	20110729AAQ	LIC
32A PA ALTOONA	BLCDT	20051018ACE	LIC
32A PA SCRANTON	BLCDT	20060629AFR	LIC
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC
33A NY NEW YORK	USERRECORD01		APP

The following station failed the de minimis interference criteria.

33D NY NEW YORK USERRECORD01
ERP 313.00 kW HAAT 519.0 m RCAMSL 530.0 m
Antenna none

Due to interference to the following station and scenario: 1

32D PA PHILADELPHIA BPCDT 20111024ACS
ERP 800.00 kW HAAT 400.0 m RCAMSL 465.0 m
Antenna CDB 00000000107152

Percent new interference from proposal: 0.5951 to BPCDT 20111024ACS

Result key: 4
Scenario 2 Affected station 2
Before Analysis

Results for: 32A PA PHILADELPHIA BPCDT 20111024ACS CP
HAAT 400.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9669508	29443.7
not affected by terrain losses	9370058	28661.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	380158	981.7
lost to ATV IX only	380158	981.7
lost to all IX	380158	981.7

Potential Interfering Stations Included in above Scenario 2

31A NY NEW YORK	BMPCDT	20080620ALZ	APP
32A PA ALTOONA	BLCDT	20051018ACE	LIC
32A PA SCRANTON	BLCDT	20060629AFR	LIC
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC
33A NY NEW YORK	DTVPLN	DTVP1219	PLN

After Analysis

Results for: 32A PA PHILADELPHIA BPCDT 20111024ACS CP
HAAT 400.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9669508	29443.7
not affected by terrain losses	9370058	28661.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	433655	1065.5
lost to ATV IX only	433655	1065.5
lost to all IX	433655	1065.5

Potential Interfering Stations Included in above Scenario 2

31A NY NEW YORK	BMPCDT	20080620ALZ	APP
32A PA ALTOONA	BLCDT	20051018ACE	LIC
32A PA SCRANTON	BLCDT	20060629AFR	LIC
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC
33A NY NEW YORK	USERRECORD01		APP

The following station failed the de minimis interference criteria.

33D NY NEW YORK USERRECORD01
ERP 313.00 kW HAAT 519.0 m RCAMSL 530.0 m
Antenna none

Due to interference to the following station and scenario: 2

32D PA PHILADELPHIA BPCDT 20111024ACS
ERP 800.00 kW HAAT 400.0 m RCAMSL 465.0 m
Antenna CDB 00000000107152

Percent new interference from proposal: 0.5951 to BPCDT 20111024ACS

Worst case new IX 0.5951% Scenario 1

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
32	WQPX-TV	SCRANTON PA	BLCDT	-20060629AFR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	WPPX-TV	WILMINGTON DE	160.3	CP	BPCDT	-20080620AMP
31	WPPX-TV	WILMINGTON DE	160.3	LIC	BLCDT	-20031203AFL
31	WPXN-TV	NEW YORK NY	164.4	APP	BMPCDT	-20080620ALZ
31	WPXN-TV	NEW YORK NY	164.5	LIC	BLCDT	-20110729AAQ
31	WSWB	SCRANTON PA	0.3	LIC	BMLCDT	-20090529AJJ
31	WSWB-DR	SCRANTON PA	0.3	APP	BPRM	-20080619ALI
32	WBPX-TV	BOSTON MA	385.0	LIC	BLCDT	-20040723ACG
32	WBPX-TV	BOSTON MA	385.3	CP	BPCDT	-20080620ACX
32	WNLO	BUFFALO NY	317.1	LIC	BLCDT	-20070320AAV
32	WTAJ-TV	ALTOONA PA	247.3	LIC	BLCDT	-20051018ACE
32	WPSG	PHILADELPHIA PA	160.3	LIC	BLCDT	-20021025AAS
32	WPSG	PHILADELPHIA PA	160.3	CP	BPCDT	-20111024ACS
32	WETK	BURLINGTON VT	417.2	LIC	BLEDT	-20061011ADW
32	WETK	BURLINGTON VT	417.2	APP	BPEDT	-20050118AKO
33	WCBS-TV	NEW YORK NY	164.5	PLN	DTVPLN	-DTVVP1219
33	WCBS-DT	NEW YORK NY	164.4	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	WFSB	HARTFORD CT	BPCDT	-20110630AAH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WBPX-TV	BOSTON MA	143.3	LIC	BLCDT	-20040723ACG
32	WBPX-TV	BOSTON MA	143.5	CP	BPCDT	-20080620ACX
33	WPXG-TV	CONCORD NH	198.4	CP	BPCDT	-20080619AJF
33	WPXG-TV	CONCORD NH	198.4	LIC	BLCDT	-20031014AEP
33	WCBS-TV	NEW YORK NY	155.4	PLN	DTVPLN	-DTVVP1219
34	WNEU	MERRIMACK NH	167.4	LIC	BLCDT	-20021028AAH
34	WMHT	SCHENECTADY NY	137.0	LIC	BLEDT	-20040108ALV
33	WCBS-DT	NEW YORK NY	155.3	APP	USERRECORD-01	

Total scenarios = 4

Result key: 5

Scenario 1 Affected station 4
Before Analysis

Results for: 33A CT HARTFORD BPCDT 20110630AAH CP
HAAT 289.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4745845	28750.5
not affected by terrain losses	4345545	25900.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	714241	3790.3
lost to ATV IX only	714241	3790.3
lost to all IX	714241	3790.3

Potential Interfering Stations Included in above Scenario 1

32A MA BOSTON	BLCDT	20040723ACG	LIC
33A NH CONCORD	BPCDT	20080619AJF	CP
34A NY SCHENECTADY	BLEDT	20040108ALV	LIC
33A NY NEW YORK	DTVPLN	DTVVP1219	PLN

After Analysis

Results for: 33A CT HARTFORD BPCDT 20110630AAH CP
HAAT 289.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4745845	28750.5
not affected by terrain losses	4345545	25900.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	772312	4421.3
lost to ATV IX only	772312	4421.3
lost to all IX	772312	4421.3

Potential Interfering Stations Included in above Scenario 1

32A MA BOSTON	BLCDT	20040723ACG	LIC
33A NH CONCORD	BPCDT	20080619AJF	CP
34A NY SCHENECTADY	BLEDT	20040108ALV	LIC
33A NY NEW YORK	USERRECORD01		APP

The following station failed the de minimis interference criteria.

33D NY NEW YORK USERRECORD01
ERP 313.00 kW HAAT 519.0 m RCMSL 530.0 m
Antenna none

Due to interference to the following station and scenario: 1
33D CT HARTFORD BPCDT 20110630AAH
ERP 1000.00 kW HAAT 289.0 m RCMSL 375.0 m
Antenna CDB 9999999999999999

Percent new interference from proposal: 1.5992 to BPCDT 20110630AAH

Result key: 6
Scenario 2 Affected station 4
Before Analysis

Results for: 33A CT HARTFORD BPCDT 20110630AAH CP
HAAT 289.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4745845	28750.5
not affected by terrain losses	4345545	25900.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	702631	3717.9
lost to ATV IX only	702631	3717.9
lost to all IX	702631	3717.9

Potential Interfering Stations Included in above Scenario 2

32A MA BOSTON	BLCDT	20040723ACG	LIC
33A NH CONCORD	BLCDT	20031014AEP	LIC
34A NY SCHENECTADY	BLEDT	20040108ALV	LIC
33A NY NEW YORK	DTVPLN	DTVP1219	PLN

After Analysis

Results for: 33A CT HARTFORD BPCDT 20110630AAH CP
HAAT 289.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4745845	28750.5
not affected by terrain losses	4345545	25900.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	762094	4357.0
lost to ATV IX only	762094	4357.0
lost to all IX	762094	4357.0

Potential Interfering Stations Included in above Scenario 2

32A MA BOSTON	BLCDT	20040723ACG	LIC
33A NH CONCORD	BLCDT	20031014AEP	LIC
34A NY SCHENECTADY	BLEDT	20040108ALV	LIC
33A NY NEW YORK	USERRECORD01		APP

The following station failed the de minimis interference criteria.

33D NY NEW YORK USERRECORD01
ERP 313.00 kW HAAT 519.0 m RCMSL 530.0 m
Antenna none

Due to interference to the following station and scenario: 2
33D CT HARTFORD BPCDT 20110630AAH
ERP 1000.00 kW HAAT 289.0 m RCMSL 375.0 m
Antenna CDB 9999999999999999

Percent new interference from proposal: 1.6323 to BPCDT 20110630AAH

Result key: 7
Scenario 3 Affected station 4
Before Analysis

Results for: 33A CT HARTFORD BPCDT 20110630AAH CP

HAAT 289.0 m, ATV ERP 1000.0 kW	
	POPULATION AREA (sq km)
within Noise Limited Contour	4745845 28750.5
not affected by terrain losses	4345545 25900.8
lost to NTSC IX	0 0.0
lost to additional IX by ATV	715293 3810.4
lost to ATV IX only	715293 3810.4
lost to all IX	715293 3810.4

Potential Interfering Stations Included in above Scenario 3

32A MA BOSTON	BPCDT	20080620ACX	CP
33A NH CONCORD	BPCDT	20080619AJF	CP
34A NY SCHENECTADY	BLEDT	20040108ALV	LIC
33A NY NEW YORK	DTVPLN	DTVP1219	PLN

After Analysis

Results for: 33A CT HARTFORD BPCDT 20110630AAH CP

HAAT 289.0 m, ATV ERP 1000.0 kW	
	POPULATION AREA (sq km)
within Noise Limited Contour	4745845 28750.5
not affected by terrain losses	4345545 25900.8
lost to NTSC IX	0 0.0
lost to additional IX by ATV	773364 4441.4
lost to ATV IX only	773364 4441.4
lost to all IX	773364 4441.4

Potential Interfering Stations Included in above Scenario 3

32A MA BOSTON	BPCDT	20080620ACX	CP
33A NH CONCORD	BPCDT	20080619AJF	CP
34A NY SCHENECTADY	BLEDT	20040108ALV	LIC
33A NY NEW YORK	USERRECORD01		APP

The following station failed the de minimis interference criteria.

33D NY NEW YORK USERRECORD01
ERP 313.00 kW HAAT 519.0 m RCAMSL 530.0 m
Antenna none

Due to interference to the following station and scenario: 3

33D CT HARTFORD BPCDT 20110630AAH
ERP 1000.00 kW HAAT 289.0 m RCAMSL 375.0 m
Antenna CDB 99999999999999

Percent new interference from proposal: 1.5996 to BPCDT 20110630AAH

Result key: 8
Scenario 4 Affected station 4
Before Analysis

Results for: 33A CT HARTFORD BPCDT 20110630AAH CP

HAAT 289.0 m, ATV ERP 1000.0 kW	
	POPULATION AREA (sq km)
within Noise Limited Contour	4745845 28750.5
not affected by terrain losses	4345545 25900.8
lost to NTSC IX	0 0.0
lost to additional IX by ATV	704683 3754.1
lost to ATV IX only	704683 3754.1
lost to all IX	704683 3754.1

Potential Interfering Stations Included in above Scenario 4

32A MA BOSTON	BPCDT	20080620ACX	CP
33A NH CONCORD	BLCDT	20031014AEP	LIC
34A NY SCHENECTADY	BLEDT	20040108ALV	LIC
33A NY NEW YORK	DTVPLN	DTVP1219	PLN

After Analysis

Results for: 33A CT HARTFORD BPCDT 20110630AAH CP

HAAT	289.0 m, ATV ERP 1000.0 kW	
	POPULATION	AREA (sq km)
within Noise Limited Contour	4745845	28750.5
not affected by terrain losses	4345545	25900.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	763828	4389.1
lost to ATV IX only	763828	4389.1
lost to all IX	763828	4389.1

Potential Interfering Stations Included in above Scenario 4

32A MA BOSTON	BPCDT	20080620ACX	CP
33A NH CONCORD	BLCDT	20031014AEP	LIC
34A NY SCHENECTADY	BLEDT	20040108ALV	LIC
33A NY NEW YORK	USERRECORD01		APP

The following station failed the de minimis interference criteria.

33D NY NEW YORK USERRECORD01
 ERP 313.00 kW HAAT 519.0 m RCAMSL 530.0 m
 Antenna none

Due to interference to the following station and scenario: 4

33D CT HARTFORD BPCDT 20110630AAH
 ERP 1000.00 kW HAAT 289.0 m RCAMSL 375.0 m
 Antenna CDB 9999999999999999

Percent new interference from proposal: 1.6245 to BPCDT 20110630AAH

Worst case new IX 1.6323% Scenario 2

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	WFSB	HARTFORD CT	BLCDT	-20041029AIL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WBPX-TV	BOSTON MA	143.3	LIC	BLCDT	-20040723ACG
32	WBPX-TV	BOSTON MA	143.5	CP	BPCDT	-20080620ACX
33	WPXG-TV	CONCORD NH	198.4	CP	BPCDT	-20080619AJF
33	WPXG-TV	CONCORD NH	198.4	LIC	BLCDT	-20031014AEP
33	WCBS-TV	NEW YORK NY	155.4	PLN	DTVPLN	-DTPV1219
34	WNEU	MERRIMACK NH	167.4	LIC	BLCDT	-20021028AAH
34	WMHT	SCHENECTADY NY	137.0	LIC	BLEDT	-20040108ALV
33	WCBS-DT	NEW YORK NY	155.3	APP	USERRECORD-01	

Total scenarios = 4

Result key: 9

Scenario 1 Affected station 5

Before Analysis

Results for: 33A CT HARTFORD BLCDT 20041029AIL LIC

HAAT	289.0 m, ATV ERP 1000.0 kW	
	POPULATION	AREA (sq km)
within Noise Limited Contour	4594265	27295.2
not affected by terrain losses	4213689	24657.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	689320	3666.7
lost to ATV IX only	689320	3666.7
lost to all IX	689320	3666.7

Potential Interfering Stations Included in above Scenario 1

32A MA BOSTON	BLCDT	20040723ACG	LIC
33A NH CONCORD	BPCDT	20080619AJF	CP
34A NY SCHENECTADY	BLEDT	20040108ALV	LIC
33A NY NEW YORK	DTVPLN	DTPV1219	PLN

After Analysis

Results for: 33A CT HARTFORD BLCDT 20041029AIL LIC

HAAT	289.0 m, ATV ERP 1000.0 kW	
	POPULATION	AREA (sq km)
within Noise Limited Contour	4594265	27295.2
not affected by terrain losses	4213689	24657.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	749232	4342.1
lost to ATV IX only	749232	4342.1
lost to all IX	749232	4342.1

Potential Interfering Stations Included in above Scenario 1

32A MA BOSTON	BLCDDT	20040723ACG	LIC
33A NH CONCORD	BPCDDT	20080619AJF	CP
34A NY SCHENECTADY	BLEDT	20040108ALV	LIC
33A NY NEW YORK	USERRECORD01		APP

The following station failed the de minimis interference criteria.

33D NY NEW YORK USERRECORD01
 ERP 313.00 kW HAAT 519.0 m RCAMSL 530.0 m
 Antenna none

Due to interference to the following station and scenario: 1

33D CT HARTFORD BLCDDT 20041029AIL
 ERP 1000.00 kW HAAT 289.0 m RCAMSL 375.0 m
 Antenna CDB 00000000044846

Percent new interference from proposal: 1.6999 to BLCDDT 20041029AIL

Result key: 10
 Scenario 2 Affected station 5
 Before Analysis

Results for: 33A CT HARTFORD BLCDDT 20041029AIL LIC

HAAT	289.0 m, ATV ERP 1000.0 kW	
	POPULATION	AREA (sq km)
within Noise Limited Contour	4594265	27295.2
not affected by terrain losses	4213689	24657.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	674463	3542.1
lost to ATV IX only	674463	3542.1
lost to all IX	674463	3542.1

Potential Interfering Stations Included in above Scenario 2

32A MA BOSTON	BLCDDT	20040723ACG	LIC
33A NH CONCORD	BLCDDT	20031014AEP	LIC
34A NY SCHENECTADY	BLEDT	20040108ALV	LIC
33A NY NEW YORK	DTVPLN	DTVP1219	PLN

After Analysis

Results for: 33A CT HARTFORD BLCDDT 20041029AIL LIC

HAAT	289.0 m, ATV ERP 1000.0 kW	
	POPULATION	AREA (sq km)
within Noise Limited Contour	4594265	27295.2
not affected by terrain losses	4213689	24657.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	736543	4233.6
lost to ATV IX only	736543	4233.6
lost to all IX	736543	4233.6

Potential Interfering Stations Included in above Scenario 2

32A MA BOSTON	BLCDDT	20040723ACG	LIC
33A NH CONCORD	BLCDDT	20031014AEP	LIC
34A NY SCHENECTADY	BLEDT	20040108ALV	LIC
33A NY NEW YORK	USERRECORD01		APP

The following station failed the de minimis interference criteria.

33D NY NEW YORK USERRECORD01
 ERP 313.00 kW HAAT 519.0 m RCAMSL 530.0 m
 Antenna none

Due to interference to the following station and scenario: 2

33D CT HARTFORD BLCDDT 20041029AIL
 ERP 1000.00 kW HAAT 289.0 m RCAMSL 375.0 m
 Antenna CDB 00000000044846

Percent new interference from proposal: 1.7541 to BLCDDT 20041029AIL

Result key: 11
Scenario 3 Affected station 5
Before Analysis

Results for: 33A CT HARTFORD BLCDT 20041029AIL LIC
HAAT 289.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4594265	27295.2
not affected by terrain losses	4213689	24657.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	692722	3702.9
lost to ATV IX only	692722	3702.9
lost to all IX	692722	3702.9

Potential Interfering Stations Included in above Scenario 3

32A MA BOSTON	BPCDT	20080620ACX	CP
33A NH CONCORD	BPCDT	20080619AJF	CP
34A NY SCHENECTADY	BLEDT	20040108ALV	LIC
33A NY NEW YORK	DTVPLN	DTVP1219	PLN

After Analysis

Results for: 33A CT HARTFORD BLCDT 20041029AIL LIC
HAAT 289.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4594265	27295.2
not affected by terrain losses	4213689	24657.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	752634	4374.3
lost to ATV IX only	752634	4374.3
lost to all IX	752634	4374.3

Potential Interfering Stations Included in above Scenario 3

32A MA BOSTON	BPCDT	20080620ACX	CP
33A NH CONCORD	BPCDT	20080619AJF	CP
34A NY SCHENECTADY	BLEDT	20040108ALV	LIC
33A NY NEW YORK	USERRECORD01		APP

The following station failed the de minimis interference criteria.

33D NY NEW YORK USERRECORD01
ERP 313.00 kW HAAT 519.0 m RCMSL 530.0 m
Antenna none

Due to interference to the following station and scenario: 3

33D CT HARTFORD BLCDT 20041029AIL
ERP 1000.00 kW HAAT 289.0 m RCMSL 375.0 m
Antenna CDB 00000000044846

Percent new interference from proposal: 1.7016 to BLCDT 20041029AIL

Result key: 12
Scenario 4 Affected station 5
Before Analysis

Results for: 33A CT HARTFORD BLCDT 20041029AIL LIC
HAAT 289.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4594265	27295.2
not affected by terrain losses	4213689	24657.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	678131	3586.3
lost to ATV IX only	678131	3586.3
lost to all IX	678131	3586.3

Potential Interfering Stations Included in above Scenario 4

32A MA BOSTON	BPCDT	20080620ACX	CP
33A NH CONCORD	BLCDT	20031014AEP	LIC
34A NY SCHENECTADY	BLEDT	20040108ALV	LIC
33A NY NEW YORK	DTVPLN	DTVP1219	PLN

After Analysis

Results for: 33A CT HARTFORD BLCDT 20041029AIL LIC
HAAT 289.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4594265	27295.2
not affected by terrain losses	4213689	24657.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	740211	4273.8
lost to ATV IX only	740211	4273.8
lost to all IX	740211	4273.8

Potential Interfering Stations Included in above Scenario 4

32A MA BOSTON	BPCDT	20080620ACX	CP
33A NH CONCORD	BLCDT	20031014AEP	LIC
34A NY SCHENECTADY	BLEDT	20040108ALV	LIC
33A NY NEW YORK	USERRECORD01		APP

The following station failed the de minimis interference criteria.

33D NY NEW YORK USERRECORD01
ERP 313.00 kW HAAT 519.0 m RCMSL 530.0 m
Antenna none

Due to interference to the following station and scenario: 4

33D CT HARTFORD BLCDT 20041029AIL
ERP 1000.00 kW HAAT 289.0 m RCMSL 375.0 m
Antenna CDB 00000000044846

Percent new interference from proposal: 1.7559 to BLCDT 20041029AIL

Worst case new IX 1.7559% Scenario 4

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	WHUT-TV	WASHINGTON DC	BPEDT	-20120627AAD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WTAJ-TV	ALTOONA PA	214.1	LIC	BLCDT	-20051018ACE
32	WPSG	PHILADELPHIA PA	199.3	LIC	BLCDT	-20021025AAS
32	WPSG	PHILADELPHIA PA	199.3	CP	BPCDT	-20111024ACS
32	WVIR-TV	CHARLOTTESVILLE VA	162.5	LIC	BLCDT	-20040908AAE
33	WMYV	GREENSBORO NC	419.6	LIC	BLCDT	-20020430ABD
33	WCBS-TV	NEW YORK NY	326.8	PLN	DTVPLN	-DTVP1219
33	WTVZ-TV	NORFOLK VA	243.4	LIC	BLCDT	-20090602ABA
33	WNPB-TV	MORGANTOWN WV	245.1	LIC	BLEDT	-20100505AGH
33	WNPB-TV	MORGANTOWN WV	245.1	CP MOD	BMPEDT	-20120209ABV
34	WJAC-TV	JOHNSTOWN PA	226.8	LIC	BLCDT	-20051123AKN
34	WJAC-TV	JOHNSTOWN PA	226.8	CP	BPCDT	-20080619ADU
34	WCAU	PHILADELPHIA PA	199.3	LIC	BLCDT	-20090914AAX
34	WPXW-TV	MANASSAS VA	0.0	LIC	BLCDT	-20090612AIZ
33	WCBS-DT	NEW YORK NY	326.9	APP	USERRECORD-01	

Total scenarios = 2

Result key: 13
Scenario 1 Affected station 6
Before Analysis

Results for: 33A DC WASHINGTON BPEDT 20120627AAD CP
HAAT 254.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7360131	26442.2
not affected by terrain losses	7313335	25541.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	17855	336.1
lost to ATV IX only	17855	336.1
lost to all IX	17855	336.1

Potential Interfering Stations Included in above Scenario 1

33A VA NORFOLK	BLCDT	20090602ABA	LIC
33A WV MORGANTOWN	BLEDT	20100505AGH	LIC
33A NY NEW YORK	DTVPLN	DTVP1219	PLN

After Analysis

Results for: 33A DC WASHINGTON BPEDT 20120627AAD CP
HAAT 254.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7360131	26442.2
not affected by terrain losses	7313335	25541.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	17855	336.1
lost to ATV IX only	17855	336.1
lost to all IX	17855	336.1

Potential Interfering Stations Included in above Scenario 1

33A VA NORFOLK	BLCDDT	20090602ABA	LIC
33A WV MORGANTOWN	BLEDT	20100505AGH	LIC
33A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 14
Scenario 2 Affected station 6
Before Analysis

Results for: 33A DC WASHINGTON BPEDT 20120627AAD CP
HAAT 254.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7360131	26442.2
not affected by terrain losses	7313335	25541.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	18617	360.1
lost to ATV IX only	18617	360.1
lost to all IX	18617	360.1

Potential Interfering Stations Included in above Scenario 2

33A VA NORFOLK	BLCDDT	20090602ABA	LIC
33A WV MORGANTOWN	BMPEDT	20120209ABV	CP
33A NY NEW YORK	DTVPLN	DTVP1219	PLN

After Analysis

Results for: 33A DC WASHINGTON BPEDT 20120627AAD CP
HAAT 254.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7360131	26442.2
not affected by terrain losses	7313335	25541.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	18617	360.1
lost to ATV IX only	18617	360.1
lost to all IX	18617	360.1

Potential Interfering Stations Included in above Scenario 2

33A VA NORFOLK	BLCDDT	20090602ABA	LIC
33A WV MORGANTOWN	BMPEDT	20120209ABV	CP
33A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	WHUT-TV	WASHINGTON DC	BLEDT	-20071018AIJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WTAJ-TV	ALTOONA PA	214.1	LIC	BLCDDT	-20051018ACE
32	WPSG	PHILADELPHIA PA	199.3	LIC	BLCDDT	-20021025AAS
32	WPSG	PHILADELPHIA PA	199.3	CP	BPCDDT	-20111024ACS
32	WVIR-TV	CHARLOTTESVILLE VA	162.5	LIC	BLCDDT	-20040908AAE

33	WMYV	GREENSBORO NC	419.6	LIC	BLCDDT	-20020430ABD
33	WCBS-TV	NEW YORK NY	326.8	PLN	DTVPLN	-DTVP1219
33	WTVZ-TV	NORFOLK VA	243.4	LIC	BLCDDT	-20090602ABA
33	WNPB-TV	MORGANTOWN WV	245.1	LIC	BLEDT	-20100505AGH
33	WNPB-TV	MORGANTOWN WV	245.1	CP MOD	BMPEDT	-20120209ABV
34	WJAC-TV	JOHNSTOWN PA	226.8	LIC	BLCDDT	-20051123AKN
34	WJAC-TV	JOHNSTOWN PA	226.8	CP	BPCDDT	-20080619ADU
34	WCAU	PHILADELPHIA PA	199.3	LIC	BLCDDT	-20090914AAX
34	WPXW-TV	MANASSAS VA	0.0	LIC	BLCDDT	-20090612AIZ
33	WCBS-DT	NEW YORK NY	326.9	APP	USERRECORD-01	

Total scenarios = 2

Result key: 15
 Scenario 1 Affected station 7
 Before Analysis

Results for: 33A DC WASHINGTON BLEDDT 20071018AIJ LIC
 HAAT 254.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6810141	17910.5
not affected by terrain losses	6789915	17618.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10254	108.0
lost to ATV IX only	10254	108.0
lost to all IX	10254	108.0

Potential Interfering Stations Included in above Scenario 1

33A VA NORFOLK	BLCDDT	20090602ABA	LIC
33A WV MORGANTOWN	BLEDT	20100505AGH	LIC
33A NY NEW YORK	DTVPLN	DTVP1219	PLN

After Analysis

Results for: 33A DC WASHINGTON BLEDDT 20071018AIJ LIC
 HAAT 254.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6810141	17910.5
not affected by terrain losses	6789915	17618.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10254	108.0
lost to ATV IX only	10254	108.0
lost to all IX	10254	108.0

Potential Interfering Stations Included in above Scenario 1

33A VA NORFOLK	BLCDDT	20090602ABA	LIC
33A WV MORGANTOWN	BLEDT	20100505AGH	LIC
33A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 16
 Scenario 2 Affected station 7
 Before Analysis

Results for: 33A DC WASHINGTON BLEDDT 20071018AIJ LIC
 HAAT 254.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6810141	17910.5
not affected by terrain losses	6789915	17618.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10254	108.0
lost to ATV IX only	10254	108.0
lost to all IX	10254	108.0

Potential Interfering Stations Included in above Scenario 2

33A VA NORFOLK	BLCDDT	20090602ABA	LIC
33A WV MORGANTOWN	BMPEDT	20120209ABV	CP
33A NY NEW YORK	DTVPLN	DTVP1219	PLN

After Analysis

Results for: 33A DC WASHINGTON BLEDDT 20071018AIJ LIC
 HAAT 254.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6810141	17910.5

not affected by terrain losses	6789915	17618.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10254	108.0
lost to ATV IX only	10254	108.0
lost to all IX	10254	108.0

Potential Interfering Stations Included in above Scenario 2

33A VA NORFOLK	BLCDDT	20090602ABA	LIC
33A WV MORGANTOWN	BMPEDT	20120209ABV	CP
33A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	WPXG-TV	CONCORD NH	BPCDDT	-20080619AJF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WBPX-TV	BOSTON MA	97.8	LIC	BLCDDT	-20040723ACG
32	WBPX-TV	BOSTON MA	98.3	CP	BPCDDT	-20080620ACX
32	WETK	BURLINGTON VT	191.2	LIC	BLEDT	-20061011ADW
32	WETK	BURLINGTON VT	191.2	APP	BPEDT	-20050118AKO
33	WFSB	HARTFORD CT	198.4	CP	BPCDDT	-20110630AAH
33	WFSB	HARTFORD CT	198.4	LIC	BLCDDT	-20041029AIL
33	WCBS-TV	NEW YORK NY	353.7	PLN	DTVPLN	-DTVFP1219
34	WNEU	MERRIMACK NH	31.2	LIC	BLCDDT	-20021028AAH
34	WMHT	SCHENECTADY NY	227.7	LIC	BLEDT	-20040108ALV
33	WCBS-DT	NEW YORK NY	353.6	APP	USERRECORD-01	

Total scenarios = 4

Result key: 17

Scenario 1 Affected station 8

Before Analysis

Results for: 33A NH CONCORD BPCDDT 20080619AJF CP

HAAT 344.0 m, ATV ERP 190.0 kW	
	POPULATION AREA (sq km)
within Noise Limited Contour	2948659 22103.9
not affected by terrain losses	2864008 20007.8
lost to NTSC IX	0 0.0
lost to additional IX by ATV	217300 1408.1
lost to ATV IX only	217300 1408.1
lost to all IX	217300 1408.1

Potential Interfering Stations Included in above Scenario 1

32A MA BOSTON	BLCDDT	20040723ACG	LIC
33A CT HARTFORD	BPCDDT	20110630AAH	CP
34A NH MERRIMACK	BLCDDT	20021028AAH	LIC
33A NY NEW YORK	DTVPLN	DTVFP1219	PLN

After Analysis

Results for: 33A NH CONCORD BPCDDT 20080619AJF CP

HAAT 344.0 m, ATV ERP 190.0 kW	
	POPULATION AREA (sq km)
within Noise Limited Contour	2948659 22103.9
not affected by terrain losses	2864008 20007.8
lost to NTSC IX	0 0.0
lost to additional IX by ATV	217300 1408.1
lost to ATV IX only	217300 1408.1
lost to all IX	217300 1408.1

Potential Interfering Stations Included in above Scenario 1

32A MA BOSTON	BLCDDT	20040723ACG	LIC
33A CT HARTFORD	BPCDDT	20110630AAH	CP

34A NH MERRIMACK BLCDT 20021028AAH LIC
33A NY NEW YORK USERRECORD01 APP

Percent new IX = 0.0000%

Result key: 18
Scenario 2 Affected station 8
Before Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2948659	22103.9
not affected by terrain losses	2864008	20007.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	211580	1263.3
lost to ATV IX only	211580	1263.3
lost to all IX	211580	1263.3

Potential Interfering Stations Included in above Scenario 2

32A MA BOSTON BLCDT 20040723ACG LIC
33A CT HARTFORD BLCDT 20041029AIL LIC
34A NH MERRIMACK BLCDT 20021028AAH LIC
33A NY NEW YORK DTVPLN DTVP1219 PLN

After Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2948659	22103.9
not affected by terrain losses	2864008	20007.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	211580	1263.3
lost to ATV IX only	211580	1263.3
lost to all IX	211580	1263.3

Potential Interfering Stations Included in above Scenario 2

32A MA BOSTON BLCDT 20040723ACG LIC
33A CT HARTFORD BLCDT 20041029AIL LIC
34A NH MERRIMACK BLCDT 20021028AAH LIC
33A NY NEW YORK USERRECORD01 APP

Percent new IX = 0.0000%

Result key: 19
Scenario 3 Affected station 8
Before Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2948659	22103.9
not affected by terrain losses	2864008	20007.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	508847	1955.3
lost to ATV IX only	508847	1955.3
lost to all IX	508847	1955.3

Potential Interfering Stations Included in above Scenario 3

32A MA BOSTON BPCDT 20080620ACX CP
33A CT HARTFORD BPCDT 20110630AAH CP
34A NH MERRIMACK BLCDT 20021028AAH LIC
33A NY NEW YORK DTVPLN DTVP1219 PLN

After Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2948659	22103.9
not affected by terrain losses	2864008	20007.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	508847	1955.3
lost to ATV IX only	508847	1955.3
lost to all IX	508847	1955.3

Potential Interfering Stations Included in above Scenario 3

32A MA BOSTON	BPCDT	20080620ACX	CP
33A CT HARTFORD	BPCDT	20110630AAH	CP
34A NH MERRIMACK	BLCDT	20021028AAH	LIC
33A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 20
Scenario 4 Affected station 8
Before Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2948659	22103.9
not affected by terrain losses	2864008	20007.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	503127	1810.5
lost to ATV IX only	503127	1810.5
lost to all IX	503127	1810.5

Potential Interfering Stations Included in above Scenario 4

32A MA BOSTON	BPCDT	20080620ACX	CP
33A CT HARTFORD	BLCDT	20041029AIL	LIC
34A NH MERRIMACK	BLCDT	20021028AAH	LIC
33A NY NEW YORK	DTVPLN	DTVP1219	PLN

After Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2948659	22103.9
not affected by terrain losses	2864008	20007.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	503127	1810.5
lost to ATV IX only	503127	1810.5
lost to all IX	503127	1810.5

Potential Interfering Stations Included in above Scenario 4

32A MA BOSTON	BPCDT	20080620ACX	CP
33A CT HARTFORD	BLCDT	20041029AIL	LIC
34A NH MERRIMACK	BLCDT	20021028AAH	LIC
33A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	WPXG-TV	CONCORD NH	BLCDT	-20031014AEP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WPX-TV	BOSTON MA	97.8	LIC	BLCDT	-20040723ACG
32	WPX-TV	BOSTON MA	98.3	CP	BPCDT	-20080620ACX
32	WETK	BURLINGTON VT	191.2	LIC	BLEDT	-20061011ADW
32	WETK	BURLINGTON VT	191.2	APP	BPEDT	-20050118AKO
33	WFSB	HARTFORD CT	198.4	CP	BPCDT	-20110630AAH
33	WFSB	HARTFORD CT	198.4	LIC	BLCDT	-20041029AIL
33	WCBS-TV	NEW YORK NY	353.7	PLN	DTVPLN	-DTVP1219
34	WNEU	MERRIMACK NH	31.2	LIC	BLCDT	-20021028AAH
34	WMHT	SCHENECTADY NY	227.7	LIC	BLEDT	-20040108ALV
33	WCBS-DT	NEW YORK NY	353.6	APP	USERRECORD-01	

Total scenarios = 4

Result key: 21
 Scenario 1 Affected station 9
 Before Analysis

Results for: 33A NH CONCORD BLC DT 20031014AEP LIC
 HAAT 344.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2485051	19886.0
not affected by terrain losses	2412661	17842.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	92598	1267.3
lost to ATV IX only	92598	1267.3
lost to all IX	92598	1267.3

Potential Interfering Stations Included in above Scenario 1

32A MA BOSTON	BLC DT	20040723ACG	LIC
33A CT HARTFORD	BPC DT	20110630AAH	CP
34A NH MERRIMACK	BLC DT	20021028AAH	LIC
33A NY NEW YORK	DTVPLN	DTVP1219	PLN

After Analysis

Results for: 33A NH CONCORD BLC DT 20031014AEP LIC
 HAAT 344.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2485051	19886.0
not affected by terrain losses	2412661	17842.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	92733	1271.3
lost to ATV IX only	92733	1271.3
lost to all IX	92733	1271.3

Potential Interfering Stations Included in above Scenario 1

32A MA BOSTON	BLC DT	20040723ACG	LIC
33A CT HARTFORD	BPC DT	20110630AAH	CP
34A NH MERRIMACK	BLC DT	20021028AAH	LIC
33A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.0058%

Result key: 22
 Scenario 2 Affected station 9
 Before Analysis

Results for: 33A NH CONCORD BLC DT 20031014AEP LIC
 HAAT 344.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2485051	19886.0
not affected by terrain losses	2412661	17842.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	85341	1142.5
lost to ATV IX only	85341	1142.5
lost to all IX	85341	1142.5

Potential Interfering Stations Included in above Scenario 2

32A MA BOSTON	BLC DT	20040723ACG	LIC
33A CT HARTFORD	BLC DT	20041029AIL	LIC
34A NH MERRIMACK	BLC DT	20021028AAH	LIC
33A NY NEW YORK	DTVPLN	DTVP1219	PLN

After Analysis

Results for: 33A NH CONCORD BLC DT 20031014AEP LIC
 HAAT 344.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2485051	19886.0
not affected by terrain losses	2412661	17842.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	85476	1146.6
lost to ATV IX only	85476	1146.6
lost to all IX	85476	1146.6

Potential Interfering Stations Included in above Scenario 2

32A MA BOSTON	BLC DT	20040723ACG	LIC
33A CT HARTFORD	BLC DT	20041029AIL	LIC
34A NH MERRIMACK	BLC DT	20021028AAH	LIC

33A NY NEW YORK USERRECORD01 APP

Percent new IX = 0.0058%

Result key: 23
Scenario 3 Affected station 9
Before Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC
HAAT 344.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2485051	19886.0
not affected by terrain losses	2412661	17842.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	272250	1585.1
lost to ATV IX only	272250	1585.1
lost to all IX	272250	1585.1

Potential Interfering Stations Included in above Scenario 3

32A MA BOSTON	BPCDT	20080620ACX	CP
33A CT HARTFORD	BPCDT	20110630AAH	CP
34A NH MERRIMACK	BLCDT	20021028AAH	LIC
33A NY NEW YORK	DTVPLN	DTVP1219	PLN

After Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC
HAAT 344.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2485051	19886.0
not affected by terrain losses	2412661	17842.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	272385	1589.1
lost to ATV IX only	272385	1589.1
lost to all IX	272385	1589.1

Potential Interfering Stations Included in above Scenario 3

32A MA BOSTON	BPCDT	20080620ACX	CP
33A CT HARTFORD	BPCDT	20110630AAH	CP
34A NH MERRIMACK	BLCDT	20021028AAH	LIC
33A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.0063%

Result key: 24
Scenario 4 Affected station 9
Before Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC
HAAT 344.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2485051	19886.0
not affected by terrain losses	2412661	17842.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	264993	1460.4
lost to ATV IX only	264993	1460.4
lost to all IX	264993	1460.4

Potential Interfering Stations Included in above Scenario 4

32A MA BOSTON	BPCDT	20080620ACX	CP
33A CT HARTFORD	BLCDT	20041029AIL	LIC
34A NH MERRIMACK	BLCDT	20021028AAH	LIC
33A NY NEW YORK	DTVPLN	DTVP1219	PLN

After Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC
HAAT 344.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2485051	19886.0
not affected by terrain losses	2412661	17842.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	265128	1464.4
lost to ATV IX only	265128	1464.4
lost to all IX	265128	1464.4

Potential Interfering Stations Included in above Scenario 4

32A MA BOSTON	BPCDT	20080620ACX	CP
33A CT HARTFORD	BLCDT	20041029AIL	LIC
34A NH MERRIMACK	BLCDT	20021028AAH	LIC
33A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.0063%

Worst case new IX 0.0063% Scenario 3

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
34	WIVT	BINGHAMTON NY	BLCDT -20090819AGR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	WGRZ	BUFFALO NY	227.1	LIC	BLCDT -20050705AAG
33	WCBS-TV	NEW YORK NY	219.9	PLN	DTVPLN -DTVPLN1219
34	WNEU	MERRIMACK NH	371.1	LIC	BLCDT -20021028AAH
34	WMHT	SCHENECTADY NY	170.7	LIC	BLEDT -20040108ALV
34	WJAC-TV	JOHNSTOWN PA	315.9	LIC	BLCDT -20051123AKN
34	WJAC-TV	JOHNSTOWN PA	315.9	CP	BPCDT -20080619ADU
34	WCAU	PHILADELPHIA PA	232.1	LIC	BLCDT -20090914AAX
34	WPXW-TV	MANASSAS VA	358.8	LIC	BLCDT -20090612AIZ
33	WCBS-DT	NEW YORK NY	219.9	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
34	WMHT	SCHENECTADY NY	BLEDT -20040108ALV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	WFSB	HARTFORD CT	137.0	CP	BPCDT -20110630AAH
33	WFSB	HARTFORD CT	137.0	LIC	BLCDT -20041029AIL
33	WPXG-TV	CONCORD NH	227.7	CP	BPCDT -20080619AJF
33	WPXG-TV	CONCORD NH	227.7	LIC	BLCDT -20031014AEP
33	WCBS-TV	NEW YORK NY	212.7	PLN	DTVPLN -DTVPLN1219
34	WNEU	MERRIMACK NH	201.5	LIC	BLCDT -20021028AAH
34	WIVT	BINGHAMTON NY	170.7	LIC	BLCDT -20090819AGR
34	WCAU	PHILADELPHIA PA	304.8	LIC	BLCDT -20090914AAX
35	WVIT	NEW BRITAIN CT	141.4	LIC	BLCDT -20041203AEF
35	WBIN-TV	DERRY NH	214.2	LIC	BLCDT -20070126ACX
33	WCBS-DT	NEW YORK NY	212.6	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
34	WCAU	PHILADELPHIA PA	BLCDT -20090914AAX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	WHUT-TV	WASHINGTON DC	199.3	CP	BPEDT -20120627AAD
33	WHUT-TV	WASHINGTON DC	199.3	LIC	BLEDT -20071018AIJ
33	WCBS-TV	NEW YORK NY	127.6	PLN	DTVPLN -DTVPLN1219
34	WIVT	BINGHAMTON NY	232.1	LIC	BLCDT -20090819AGR
34	WMHT	SCHENECTADY NY	304.8	LIC	BLEDT -20040108ALV

34	WJAC-TV	JOHNSTOWN PA	320.1	LIC	BLCDDT	-20051123AKN
34	WJAC-TV	JOHNSTOWN PA	320.1	CP	BPCDDT	-20080619ADU
34	WPXW-TV	MANASSAS VA	199.3	LIC	BLCDDT	-20090612AIZ
35	WDCA	WASHINGTON DC	199.1	LIC	BLCDDT	-20070411AAH
35	WDCA	WASHINGTON DC	199.1	CP	BPCDDT	-20080620ANP
35	WYBE	PHILADELPHIA PA	0.0	LIC	BLEDDT	-20091222ARE
33	WCBS-DT	NEW YORK NY	127.6	APP	USERRECORD-01	

Total scenarios = 2

Result key: 25
 Scenario 1 Affected station 12
 Before Analysis

Results for: 34A PA PHILADELPHIA BLCDDT 20090914AAX LIC
 HAAT 400.0 m, ATV ERP 700.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	10374042	33622.8
not affected by terrain losses	10237510	32554.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	485173	1774.5
lost to ATV IX only	485173	1774.5
lost to all IX	485173	1774.5

Potential Interfering Stations Included in above Scenario 1

34A NY BINGHAMTON	BLCDDT	20090819AGR	LIC
34A NY SCHENECTADY	BLEDDT	20040108ALV	LIC
34A PA JOHNSTOWN	BLCDDT	20051123AKN	LIC
34A VA MANASSAS	BLCDDT	20090612AIZ	LIC
33A NY NEW YORK	DTVPLN	DTVP1219	PLN

After Analysis

Results for: 34A PA PHILADELPHIA BLCDDT 20090914AAX LIC
 HAAT 400.0 m, ATV ERP 700.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	10374042	33622.8
not affected by terrain losses	10237510	32554.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	518671	1839.0
lost to ATV IX only	518671	1839.0
lost to all IX	518671	1839.0

Potential Interfering Stations Included in above Scenario 1

34A NY BINGHAMTON	BLCDDT	20090819AGR	LIC
34A NY SCHENECTADY	BLEDDT	20040108ALV	LIC
34A PA JOHNSTOWN	BLCDDT	20051123AKN	LIC
34A VA MANASSAS	BLCDDT	20090612AIZ	LIC
33A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.3435%

Result key: 26
 Scenario 2 Affected station 12
 Before Analysis

Results for: 34A PA PHILADELPHIA BLCDDT 20090914AAX LIC
 HAAT 400.0 m, ATV ERP 700.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	10374042	33622.8
not affected by terrain losses	10237510	32554.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	487161	1778.5
lost to ATV IX only	487161	1778.5
lost to all IX	487161	1778.5

Potential Interfering Stations Included in above Scenario 2

34A NY BINGHAMTON	BLCDDT	20090819AGR	LIC
34A NY SCHENECTADY	BLEDDT	20040108ALV	LIC
34A PA JOHNSTOWN	BPCDDT	20080619ADU	CP
34A VA MANASSAS	BLCDDT	20090612AIZ	LIC
33A NY NEW YORK	DTVPLN	DTVP1219	PLN

After Analysis

Results for: 34A PA PHILADELPHIA BLCDDT 20090914AAX LIC

HAAT	400.0 m, ATV ERP	700.0 kW
	POPULATION	AREA (sq km)
within Noise Limited Contour	10374042	33622.8
not affected by terrain losses	10237510	32554.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	520659	1843.1
lost to ATV IX only	520659	1843.1
lost to all IX	520659	1843.1

Potential Interfering Stations Included in above Scenario 2

34A NY BINGHAMTON	BLCDT	20090819AGR	LIC
34A NY SCHENECTADY	BLEDT	20040108ALV	LIC
34A PA JOHNSTOWN	BPCDT	20080619ADU	CP
34A VA MANASSAS	BLCDT	20090612AIZ	LIC
33A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.3436%

Worst case new IX 0.3436% Scenario 2

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
33	WCBS-DT	NEW YORK NY	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
32	WPSG	PHILADELPHIA PA	127.6	LIC	BLCDT -20021025AAS
32	WPSG	PHILADELPHIA PA	127.6	CP	BPCDT -20111024ACS
32	WQPX-TV	SCRANTON PA	164.4	LIC	BLCDT -20060629AFR
33	WFSB	HARTFORD CT	155.3	CP	BPCDT -20110630AAH
33	WFSB	HARTFORD CT	155.3	LIC	BLCDT -20041029AIL
33	WHUT-TV	WASHINGTON DC	326.9	CP	BPEDT -20120627AAD
33	WHUT-TV	WASHINGTON DC	326.9	LIC	BLEDT -20071018AIJ
33	WPXG-TV	CONCORD NH	353.6	CP	BPCDT -20080619AJF
33	WPXG-TV	CONCORD NH	353.6	LIC	BLCDT -20031014AEP
34	WIVT	BINGHAMTON NY	219.9	LIC	BLCDT -20090819AGR
34	WMHT	SCHENECTADY NY	212.6	LIC	BLEDT -20040108ALV
34	WCAU	PHILADELPHIA PA	127.6	LIC	BLCDT -20090914AAX

Total scenarios = 16

Result key: 27

Scenario 1 Affected station 13

Before Analysis

Results for: 33A NY NEW YORK USERRECORD01 APP

HAAT	519.0 m, ATV ERP	313.0 kW
	POPULATION	AREA (sq km)
within Noise Limited Contour	20808946	35213.0
not affected by terrain losses	20331299	33029.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	916016	4228.0
lost to ATV IX only	916016	4228.0
lost to all IX	916016	4228.0

Potential Interfering Stations Included in above Scenario 1

32A PA PHILADELPHIA	BLCDT	20021025AAS	LIC
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A DC WASHINGTON	BPEDT	20120627AAD	CP
33A NH CONCORD	BPCDT	20080619AJF	CP
34A PA PHILADELPHIA	BLCDT	20090914AAX	LIC

Result key: 28

Scenario 2 Affected station 13

Before Analysis

Results for: 33A NY NEW YORK USERRECORD01 APP

HAAT	519.0 m, ATV ERP	313.0 kW
	POPULATION	AREA (sq km)
within Noise Limited Contour	20808946	35213.0

not affected by terrain losses	20331299	33029.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	916016	4228.0
lost to ATV IX only	916016	4228.0
lost to all IX	916016	4228.0

Potential Interfering Stations Included in above Scenario 2

32A PA PHILADELPHIA	BLCDT	20021025AAS	LIC
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A DC WASHINGTON	BPEDT	20120627AAD	CP
33A NH CONCORD	BLCDT	20031014AEP	LIC
34A PA PHILADELPHIA	BLCDT	20090914AAX	LIC

Result key: 29
 Scenario 3 Affected station 13
 Before Analysis

Results for: 33A NY NEW YORK USERRECORD01 APP
 HAAT 519.0 m, ATV ERP 313.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20808946	35213.0
not affected by terrain losses	20331299	33029.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	915080	4208.0
lost to ATV IX only	915080	4208.0
lost to all IX	915080	4208.0

Potential Interfering Stations Included in above Scenario 3

32A PA PHILADELPHIA	BLCDT	20021025AAS	LIC
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A DC WASHINGTON	BLEDT	20071018AIJ	LIC
33A NH CONCORD	BPCDT	20080619AJF	CP
34A PA PHILADELPHIA	BLCDT	20090914AAX	LIC

Result key: 30
 Scenario 4 Affected station 13
 Before Analysis

Results for: 33A NY NEW YORK USERRECORD01 APP
 HAAT 519.0 m, ATV ERP 313.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20808946	35213.0
not affected by terrain losses	20331299	33029.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	915080	4208.0
lost to ATV IX only	915080	4208.0
lost to all IX	915080	4208.0

Potential Interfering Stations Included in above Scenario 4

32A PA PHILADELPHIA	BLCDT	20021025AAS	LIC
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A DC WASHINGTON	BLEDT	20071018AIJ	LIC
33A NH CONCORD	BLCDT	20031014AEP	LIC
34A PA PHILADELPHIA	BLCDT	20090914AAX	LIC

Result key: 31
 Scenario 5 Affected station 13
 Before Analysis

Results for: 33A NY NEW YORK USERRECORD01 APP
 HAAT 519.0 m, ATV ERP 313.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20808946	35213.0
not affected by terrain losses	20331299	33029.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	881326	3876.6
lost to ATV IX only	881326	3876.6
lost to all IX	881326	3876.6

Potential Interfering Stations Included in above Scenario 5

32A PA PHILADELPHIA	BLCDT	20021025AAS	LIC
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A DC WASHINGTON	BPEDT	20120627AAD	CP
33A NH CONCORD	BPCDT	20080619AJF	CP
34A PA PHILADELPHIA	BLCDT	20090914AAX	LIC

Result key: 32
Scenario 6 Affected station 13
Before Analysis

Results for: 33A NY NEW YORK USERRECORD01 APP

HAAT 519.0 m, ATV ERP 313.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20808946	35213.0
not affected by terrain losses	20331299	33029.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	881326	3876.6
lost to ATV IX only	881326	3876.6
lost to all IX	881326	3876.6

Potential Interfering Stations Included in above Scenario 6

32A PA PHILADELPHIA	BLCDDT	20021025AAS	LIC
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A DC WASHINGTON	BPEDT	20120627AAD	CP
33A NH CONCORD	BLCDDT	20031014AEP	LIC
34A PA PHILADELPHIA	BLCDDT	20090914AAX	LIC

Result key: 33
Scenario 7 Affected station 13
Before Analysis

Results for: 33A NY NEW YORK USERRECORD01 APP

HAAT 519.0 m, ATV ERP 313.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20808946	35213.0
not affected by terrain losses	20331299	33029.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	880390	3856.7
lost to ATV IX only	880390	3856.7
lost to all IX	880390	3856.7

Potential Interfering Stations Included in above Scenario 7

32A PA PHILADELPHIA	BLCDDT	20021025AAS	LIC
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A DC WASHINGTON	BLEDT	20071018AIJ	LIC
33A NH CONCORD	BPCDDT	20080619AJF	CP
34A PA PHILADELPHIA	BLCDDT	20090914AAX	LIC

Result key: 34
Scenario 8 Affected station 13
Before Analysis

Results for: 33A NY NEW YORK USERRECORD01 APP

HAAT 519.0 m, ATV ERP 313.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20808946	35213.0
not affected by terrain losses	20331299	33029.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	880390	3856.7
lost to ATV IX only	880390	3856.7
lost to all IX	880390	3856.7

Potential Interfering Stations Included in above Scenario 8

32A PA PHILADELPHIA	BLCDDT	20021025AAS	LIC
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A DC WASHINGTON	BLEDT	20071018AIJ	LIC
33A NH CONCORD	BLCDDT	20031014AEP	LIC
34A PA PHILADELPHIA	BLCDDT	20090914AAX	LIC

Result key: 35
Scenario 9 Affected station 13
Before Analysis

Results for: 33A NY NEW YORK USERRECORD01 APP

HAAT 519.0 m, ATV ERP 313.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20808946	35213.0
not affected by terrain losses	20331299	33029.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	916016	4228.0
lost to ATV IX only	916016	4228.0
lost to all IX	916016	4228.0

Potential Interfering Stations Included in above Scenario 9

32A PA PHILADELPHIA	BPCDT	20111024ACS	CP
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A DC WASHINGTON	BPEDT	20120627AAD	CP
33A NH CONCORD	BPCDT	20080619AJF	CP
34A PA PHILADELPHIA	BLCDT	20090914AAX	LIC

Result key: 36
 Scenario 10 Affected station 13
 Before Analysis

Results for: 33A NY NEW YORK USERRECORD01 APP

HAAT 519.0 m, ATV ERP 313.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	20808946	35213.0
not affected by terrain losses	20331299	33029.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	916016	4228.0
lost to ATV IX only	916016	4228.0
lost to all IX	916016	4228.0

Potential Interfering Stations Included in above Scenario 10

32A PA PHILADELPHIA	BPCDT	20111024ACS	CP
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A DC WASHINGTON	BPEDT	20120627AAD	CP
33A NH CONCORD	BLCDT	20031014AEP	LIC
34A PA PHILADELPHIA	BLCDT	20090914AAX	LIC

Result key: 37
 Scenario 11 Affected station 13
 Before Analysis

Results for: 33A NY NEW YORK USERRECORD01 APP

HAAT 519.0 m, ATV ERP 313.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	20808946	35213.0
not affected by terrain losses	20331299	33029.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	915080	4208.0
lost to ATV IX only	915080	4208.0
lost to all IX	915080	4208.0

Potential Interfering Stations Included in above Scenario 11

32A PA PHILADELPHIA	BPCDT	20111024ACS	CP
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A DC WASHINGTON	BLEDT	20071018AIJ	LIC
33A NH CONCORD	BPCDT	20080619AJF	CP
34A PA PHILADELPHIA	BLCDT	20090914AAX	LIC

Result key: 38
 Scenario 12 Affected station 13
 Before Analysis

Results for: 33A NY NEW YORK USERRECORD01 APP

HAAT 519.0 m, ATV ERP 313.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	20808946	35213.0
not affected by terrain losses	20331299	33029.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	915080	4208.0
lost to ATV IX only	915080	4208.0
lost to all IX	915080	4208.0

Potential Interfering Stations Included in above Scenario 12

32A PA PHILADELPHIA	BPCDT	20111024ACS	CP
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A DC WASHINGTON	BLEDT	20071018AIJ	LIC
33A NH CONCORD	BLCDT	20031014AEP	LIC
34A PA PHILADELPHIA	BLCDT	20090914AAX	LIC

Result key: 39
 Scenario 13 Affected station 13
 Before Analysis

Results for: 33A NY NEW YORK USERRECORD01 APP

HAAT 519.0 m, ATV ERP 313.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20808946	35213.0
not affected by terrain losses	20331299	33029.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	881326	3876.6
lost to ATV IX only	881326	3876.6
lost to all IX	881326	3876.6

Potential Interfering Stations Included in above Scenario 13

32A PA PHILADELPHIA	BPCDT	20111024ACS	CP
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A DC WASHINGTON	BPEDT	20120627AAD	CP
33A NH CONCORD	BPCDT	20080619AJF	CP
34A PA PHILADELPHIA	BLCDT	20090914AAX	LIC

Result key: 40
 Scenario 14 Affected station 13
 Before Analysis

Results for: 33A NY NEW YORK USERRECORD01 APP

	POPULATION	AREA (sq km)
HAAT 519.0 m, ATV ERP 313.0 kW		
within Noise Limited Contour	20808946	35213.0
not affected by terrain losses	20331299	33029.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	881326	3876.6
lost to ATV IX only	881326	3876.6
lost to all IX	881326	3876.6

Potential Interfering Stations Included in above Scenario 14

32A PA PHILADELPHIA	BPCDT	20111024ACS	CP
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A DC WASHINGTON	BPEDT	20120627AAD	CP
33A NH CONCORD	BLCDT	20031014AEP	LIC
34A PA PHILADELPHIA	BLCDT	20090914AAX	LIC

Result key: 41
 Scenario 15 Affected station 13
 Before Analysis

Results for: 33A NY NEW YORK USERRECORD01 APP

	POPULATION	AREA (sq km)
HAAT 519.0 m, ATV ERP 313.0 kW		
within Noise Limited Contour	20808946	35213.0
not affected by terrain losses	20331299	33029.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	880390	3856.7
lost to ATV IX only	880390	3856.7
lost to all IX	880390	3856.7

Potential Interfering Stations Included in above Scenario 15

32A PA PHILADELPHIA	BPCDT	20111024ACS	CP
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A DC WASHINGTON	BLEDT	20071018AIJ	LIC
33A NH CONCORD	BPCDT	20080619AJF	CP
34A PA PHILADELPHIA	BLCDT	20090914AAX	LIC

Result key: 42
 Scenario 16 Affected station 13
 Before Analysis

Results for: 33A NY NEW YORK USERRECORD01 APP

	POPULATION	AREA (sq km)
HAAT 519.0 m, ATV ERP 313.0 kW		
within Noise Limited Contour	20808946	35213.0
not affected by terrain losses	20331299	33029.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	880390	3856.7
lost to ATV IX only	880390	3856.7
lost to all IX	880390	3856.7

Potential Interfering Stations Included in above Scenario 16

32A PA PHILADELPHIA	BPCDT	20111024ACS	CP
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A DC WASHINGTON	BLEDT	20071018AIJ	LIC
33A NH CONCORD	BLCDT	20031014AEP	LIC

34A PA PHILADELPHIA BLCDT 20090914AAX LIC

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

APPENDIX C

STATION C ALLOCATION ANALYSIS

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
TW Census data selected 2000
Data Base Selected
/export/home/cdbs/pt_tvdb.sff

WARNING WARNING WARNING

The following list of station records has been excluded from the analysis due to the fact that they have the same state, city and channel as the proposed station - This could cause the program to not find a potential fail situation

You can force the program to include these records by setting the state of the proposed record to ZZ and re-running the analysis

WXTV-DT	40	PATERSON	NJ	BPCDT	20110629AAI
WXTV-DT	40	PATERSON	NJ	BLCDT	20050214AGS

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 09-27-2012 Time: 11:25:58

Record Selected for Analysis

WXTV-DT	USERRECORD-01	PATERSON	NJ	US
Channel	40 ERP 177. kW	HAAT 519. m	RCAMSL 00530 m	
Latitude	040-42-46	Longitude	0074-00-49	
Status APP	Zone 1	Border	Site number: 01	
Last update	Cutoff date	Docket		
Comments				
Applicant				

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility (site # 01) meets maximum height/power limits

Site number	1			
Azimuth	ERP	HAAT	41.0 dBu F(50,90)	
(Deg)	(kW)	(m)	(km)	
0.0	177.000	511.9	99.2	
45.0	177.000	529.1	100.6	
90.0	177.000	508.4	98.9	
135.0	177.000	519.9	99.9	
180.0	177.000	522.8	100.1	
225.0	177.000	519.6	99.8	
270.0	177.000	521.3	100.0	
315.0	177.000	516.6	99.6	

Evaluation toward Class A Stations from site # 01

No Spacing violations or contour overlap
to Class A stations from site # 01

Class A Evaluation Complete

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance
Distance to border = 397.6km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
40	WXTV-DT	PATERSON NJ	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	WCTX	NEW HAVEN CT	118.9	LIC	BLCDDT	20040507AAZ
39	WDVB-CA	EDISON NJ	32.2	CP	BPTTA	20090309AAZ
39	WDVB-CA	EDISON NJ	32.2	APP	BSTA	20111018ASY
39	WLVT-TV	ALLENTOWN PA	121.4	LIC	BLEDT	20090605ABD
40	WGGB-TV	SPRINGFIELD MA	204.4	LIC	BLCDDT	20100702BBL
40	WDPX-TV	VINEYARD HAVEN MA	325.2	LIC	BLCDDT	20110615ABP
40	WNUV	BALTIMORE MD	271.6	LIC	BMLCDDT	20110131ASB
40	WIXT-CA	DEWITT NY	307.7	LIC	BLTTL	19990125JC
40	WIXT-CA	DEWITT NY	307.7	CP	BDFCDDTA	20081117AAD
40	WNMN	SARANAC LAKE NY	403.4	CP MOD	BMPCDDT	20091209ABD
41	WEDY	NEW HAVEN CT	115.3	CP	BPEDT	20110512AAI
41	WEDY-DR	NEW HAVEN CT	115.3	APP	BPRM	20090713ABS
41	WVIA-TV	SCRANTON PA	164.4	LIC	BLEDT	20120319AAB

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
39	WCTX	NEW HAVEN CT	BLCDDT	-20040507AAZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	WWOR-TV	SECAUCUS NJ	114.6	CP MOD	BMPCDDT	-20080620AHC
39	WSBK-TV	BOSTON MA	172.8	LIC	BLCDDT	-20021009AAF
39	WLVT-TV	ALLENTOWN PA	229.5	LIC	BLEDT	-20090605ABD
40	WGGB-TV	SPRINGFIELD MA	94.4	LIC	BLCDDT	-20100702BBL
40	WDPX-TV	VINEYARD HAVEN MA	218.6	LIC	BLCDDT	-20110615ABP
40	WXTV	PATERSON NJ	114.6	PLN	DTVPLN	-DTPV1444
40	WXTV-DT	PATERSON NJ	118.9	APP	USERRECORD-01	

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 1
Before Analysis

Results for: 39A CT NEW HAVEN	BLCDDT	20040507AAZ	LIC
HAAT 301.0 m, ATV ERP 170.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4577263	18780.7	
not affected by terrain losses	4506470	18097.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	178175	663.6	
lost to ATV IX only	178175	663.6	
lost to all IX	178175	663.6	

Potential Interfering Stations Included in above Scenario 1

38A NJ SECAUCUS	BMPCDDT	20080620AHC	CP
39A MA BOSTON	BLCDDT	20021009AAF	LIC
39A PA ALLENTOWN	BLEDT	20090605ABD	LIC
40A MA SPRINGFIELD	BLCDDT	20100702BBL	LIC
40A NJ PATERSON	DTVPLN	DTPV1444	PLN

After Analysis

Results for: 39A CT NEW HAVEN BLCDT 20040507AAZ LIC
HAAT 301.0 m, ATV ERP 170.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4577263	18780.7
not affected by terrain losses	4506470	18097.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	169715	679.6
lost to ATV IX only	169715	679.6
lost to all IX	169715	679.6

Potential Interfering Stations Included in above Scenario 1

38A NJ SECAUCUS	BMPCDT	20080620AHC	CP
39A MA BOSTON	BLCDT	20021009AAF	LIC
39A PA ALLENTOWN	BLEDT	20090605ABD	LIC
40A MA SPRINGFIELD	BLCDT	20100702BBL	LIC
40A NJ PATERSON	USERRECORD01		APP

Percent new IX = -0.1955%

Worst case new IX -0.1955% Scenario 1

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
39	WDVB-CA	EDISON NJ	BPTTA -20090309AAZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	WPPX-TV	WILMINGTON DE	95.7	CP	BPCDT -20080620AMP
31	WPPX-TV	WILMINGTON DE	95.7	LIC	BLCDT -20031203AFL
31	WPXN-TV	NEW YORK NY	32.2	APP	BMPCDT -20080620ALZ
31	WPXN-TV	NEW YORK NY	36.2	LIC	BLCDT -20110729AAQ
32	WPSG	PHILADELPHIA PA	95.7	LIC	BLCDT -20021025AAS
32	WPSG	PHILADELPHIA PA	95.7	CP	BPCDT -20111024ACS
35	WYBE	PHILADELPHIA PA	95.7	LIC	BLEDT -20091222ARE
36	WNJU	LINDEN NJ	36.2	CP	BPCDT -20111220AFK
36	WNJU	LINDEN NJ	27.0	LIC	BLCDT -20080514ADL
38	WWOR-TV	SECAUCUS NJ	36.2	CP MOD	BMPCDT -20080620AHC
39	WCTX	NEW HAVEN CT	150.5	LIC	BLCDT -20040507AAZ
39	WSBK-TV	BOSTON MA	323.2	LIC	BLCDT -20021009AAF
39	WJAL	HAGERSTOWN MD	316.5	LIC	BLCDT -20090804ACD
39	WJAL	SILVER SPRING MD	295.8	APP	BPRM -20060424AEX
39	WNYN-LD	NEW YORK NY	39.2	LIC	BLDTL -20090619AAO
39	WNYN-LD	NEW YORK NY	39.2	CP	BPDTL -20091030ACJ
39	WLVT-TV	ALLENTOWN PA	92.3	LIC	BLEDT -20090605ABD
40	WXTV	PATERSON NJ	36.2	PLN	DTVPLN -DTVPL444
41	WVIA-TV	SCRANTON PA	145.0	LIC	BLEDT -20120319AAB
42	WZME	BRIDGEPORT CT	135.8	APP	BPCDT -20120601ARY
42	WZME	BRIDGEPORT CT	36.2	APP	BPCDT -20120601ARY
42	WZME	BRIDGEPORT CT	135.8	LIC	BLCDT -20061218ACB
42	WTFX-TV	PHILADELPHIA PA	95.9	LIC	BLCDT -20120511ADN
43	WNJT	TRENTON NJ	43.1	LIC	BLEDT -20110427ABE
46	WFMZ-TV	ALLENTOWN PA	96.0	APP	BPCDT -20101214AAB
46	WFMZ-TV	ALLENTOWN PA	92.3	APP	BPCDT -20101214AAB
46	WFMZ-TV	ALLENTOWN PA	92.3	LIC	BMLCDT -20111230AAF
47	WLNy-TV	RIVERHEAD NY	125.8	LIC	BLCDT -20090612AAC
40	WXTV-DT	PATERSON NJ	32.2	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
39	WDVB-CA	EDISON NJ	BSTA -20111018ASY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	WPPX-TV	WILMINGTON DE	95.7	CP	BPCDT	-20080620AMP
31	WPPX-TV	WILMINGTON DE	95.7	LIC	BLCDDT	-20031203AFL
31	WPXN-TV	NEW YORK NY	32.2	APP	BMPCDT	-20080620ALZ
31	WPXN-TV	NEW YORK NY	36.2	LIC	BLCDDT	-20110729AAQ
32	WPSG	PHILADELPHIA PA	95.7	LIC	BLCDDT	-20021025AAS
32	WPSG	PHILADELPHIA PA	95.7	CP	BPCDT	-20111024ACS
35	WYBE	PHILADELPHIA PA	95.7	LIC	BLEDT	-20091222ARE
36	WNJU	LINDEN NJ	36.2	CP	BPCDT	-20111220AFK
36	WNJU	LINDEN NJ	27.0	LIC	BLCDDT	-20080514ADL
38	WWOR-TV	SECAUCUS NJ	36.2	CP MOD	BMPCDT	-20080620AHC
39	WCTX	NEW HAVEN CT	150.5	LIC	BLCDDT	-20040507AAZ
39	WSBK-TV	BOSTON MA	323.2	LIC	BLCDDT	-20021009AAF
39	WJAL	HAGERSTOWN MD	316.5	LIC	BLCDDT	-20090804ACD
39	WJAL	SILVER SPRING MD	295.8	APP	BPRM	-20060424AEX
39	WNYN-LD	NEW YORK NY	39.2	LIC	BLDTL	-20090619AAO
39	WNYN-LD	NEW YORK NY	39.2	CP	BPDTL	-20091030ACJ
39	WLVT-TV	ALLENTOWN PA	92.3	LIC	BLEDT	-20090605ABD
40	WXTV	PATERSON NJ	36.2	PLN	DTVPLN	-DTVPL1444
41	WVIA-TV	SCRANTON PA	145.0	LIC	BLEDT	-20120319AAB
42	WZME	BRIDGEPORT CT	135.8	APP	BPCDT	-20120601ARY
42	WZME	BRIDGEPORT CT	36.2	APP	BPCDT	-20120601ARY
42	WZME	BRIDGEPORT CT	135.8	LIC	BLCDDT	-20061218ACB
42	WTFX-TV	PHILADELPHIA PA	95.9	LIC	BLCDDT	-20120511ADN
43	WNJT	TRENTON NJ	43.1	LIC	BLEDT	-20110427ABE
46	WFMZ-TV	ALLENTOWN PA	96.0	APP	BPCDT	-20101214AAB
46	WFMZ-TV	ALLENTOWN PA	92.3	APP	BPCDT	-20101214AAB
46	WFMZ-TV	ALLENTOWN PA	92.3	LIC	BMLCDDT	-20111230AAF
47	WLNY-TV	RIVERHEAD NY	125.8	LIC	BLCDDT	-20090612AAC
40	WXTV-DT	PATERSON NJ	32.2	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
39	WLVT-TV	ALLENTOWN PA	BLEDT	-20090605ABD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	WMAR-TV	BALTIMORE MD	171.2	LIC	BLCDDT	-20090619ACA
38	WWOR-TV	SECAUCUS NJ	124.3	CP MOD	BMPCDT	-20080620AHC
39	WCTX	NEW HAVEN CT	229.5	LIC	BLCDDT	-20040507AAZ
39	WSBK-TV	BOSTON MA	400.3	LIC	BLCDDT	-20021009AAF
39	WJAL	HAGERSTOWN MD	227.2	LIC	BLCDDT	-20090804ACD
39	WJAL	SILVER SPRING MD	228.6	APP	BPRM	-20060424AEX
39	WIVB-TV	BUFFALO NY	352.5	LIC	BLCDDT	-20020619ABE
40	WNUV	BALTIMORE MD	171.1	LIC	BMLCDDT	-20110131ASB
40	WXTV	PATERSON NJ	124.3	PLN	DTVPLN	-DTVPL1444
40	WXTV-DT	PATERSON NJ	121.4	APP	USERRECORD-01	

Total scenarios = 3

Result key: 2

Scenario 1 Affected station 4
Before Analysis

Results for: 39A PA ALLENTOWN BLEDT 20090605ABD LIC

	POPULATION	AREA (sq km)
HAAT 295.0 m, ATV ERP 52.0 kW		
within Noise Limited Contour	5222389	16906.3
not affected by terrain losses	4939684	15494.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	111858	404.0
lost to ATV IX only	111858	404.0
lost to all IX	111858	404.0

Potential Interfering Stations Included in above Scenario 1

38A NJ SECAUCUS	BMPCDT	20080620AHC	CP
39A CT NEW HAVEN	BLCDDT	20040507AAZ	LIC
39A MD HAGERSTOWN	BLCDDT	20090804ACD	LIC
39A NY BUFFALO	BLCDDT	20020619ABE	LIC

40A NJ PATERSON DTVPLN DTVPL1444 PLN

After Analysis

Results for: 39A PA ALLENTOWN BLEDT 20090605ABD LIC

HAAT 295.0 m, ATV ERP 52.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	5222389	16906.3
not affected by terrain losses	4939684	15494.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	134472	507.9
lost to ATV IX only	134472	507.9
lost to all IX	134472	507.9

Potential Interfering Stations Included in above Scenario 1

38A NJ SECAUCUS	BMPCDT	20080620AHC	CP
39A CT NEW HAVEN	BLCDT	20040507AAZ	LIC
39A MD HAGERSTOWN	BLCDT	20090804ACD	LIC
39A NY BUFFALO	BLCDT	20020619ABE	LIC
40A NJ PATERSON	USERRECORD01		APP

Percent new IX = 0.4684%

Result key: 3
Scenario 2 Affected station 4
Before Analysis

Results for: 39A PA ALLENTOWN BLEDT 20090605ABD LIC

HAAT 295.0 m, ATV ERP 52.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	5222389	16906.3
not affected by terrain losses	4939684	15494.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	115246	428.0
lost to ATV IX only	115246	428.0
lost to all IX	115246	428.0

Potential Interfering Stations Included in above Scenario 2

38A NJ SECAUCUS	BMPCDT	20080620AHC	CP
39A CT NEW HAVEN	BLCDT	20040507AAZ	LIC
39A MD HAGERSTOWN	BLCDT	20090804ACD	LIC
39A MD SILVER SPRING	BPRM	20060424AEX	APP
39A NY BUFFALO	BLCDT	20020619ABE	LIC
40A NJ PATERSON	DTVPLN	DTVPL1444	PLN

After Analysis

Results for: 39A PA ALLENTOWN BLEDT 20090605ABD LIC

HAAT 295.0 m, ATV ERP 52.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	5222389	16906.3
not affected by terrain losses	4939684	15494.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	137860	531.9
lost to ATV IX only	137860	531.9
lost to all IX	137860	531.9

Potential Interfering Stations Included in above Scenario 2

38A NJ SECAUCUS	BMPCDT	20080620AHC	CP
39A CT NEW HAVEN	BLCDT	20040507AAZ	LIC
39A MD HAGERSTOWN	BLCDT	20090804ACD	LIC
39A MD SILVER SPRING	BPRM	20060424AEX	APP
39A NY BUFFALO	BLCDT	20020619ABE	LIC
40A NJ PATERSON	USERRECORD01		APP

Percent new IX = 0.4687%

Result key: 4
Scenario 3 Affected station 4
Before Analysis

Results for: 39A PA ALLENTOWN BLEDT 20090605ABD LIC

HAAT 295.0 m, ATV ERP 52.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	5222389	16906.3
not affected by terrain losses	4939684	15494.4
lost to NTSC IX	0	0.0

lost to additional IX by ATV	111858	404.0
lost to ATV IX only	111858	404.0
lost to all IX	111858	404.0

Potential Interfering Stations Included in above Scenario 3

38A NJ SECAUCUS	BMPCDT	20080620AHC	CP
39A CT NEW HAVEN	BLCDT	20040507AAZ	LIC
39A MD HAGERSTOWN	BLCDT	20090804ACD	LIC
39A NY BUFFALO	BLCDT	20020619ABE	LIC
40A NJ PATERSON	DTVPLN	DTVP1444	PLN

After Analysis

Results for: 39A PA ALLENTOWN BLEDT 20090605ABD LIC
HAAT 295.0 m, ATV ERP 52.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5222389	16906.3
not affected by terrain losses	4939684	15494.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	134472	507.9
lost to ATV IX only	134472	507.9
lost to all IX	134472	507.9

Potential Interfering Stations Included in above Scenario 3

38A NJ SECAUCUS	BMPCDT	20080620AHC	CP
39A CT NEW HAVEN	BLCDT	20040507AAZ	LIC
39A MD HAGERSTOWN	BLCDT	20090804ACD	LIC
39A NY BUFFALO	BLCDT	20020619ABE	LIC
40A NJ PATERSON	USERRECORD01		APP

Percent new IX = 0.4684%

Worst case new IX 0.4687% Scenario 2

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	WGGB-TV	SPRINGFIELD MA	BLCDT	-20100702BBL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	WCTX	NEW HAVEN CT	94.4	LIC	BLCDT	-20040507AAZ
39	WSBK-TV	BOSTON MA	116.4	LIC	BLCDT	-20021009AAF
40	WDPX-TV	VINEYARD HAVEN MA	199.9	LIC	BLCDT	-20110615ABP
40	WXTV	PATERSON NJ	199.8	PLN	DTVPLN	-DTVP1444
40	WNMN	SARANAC LAKE NY	262.2	CP MOD	BMPCDT	-20091209ABD
41	WEDY	NEW HAVEN CT	103.7	CP	BPEDT	-20110512AAI
41	WEDY-DR	NEW HAVEN CT	103.7	APP	BPRM	-20090713ABS
41	WLVI	CAMBRIDGE MA	117.9	LIC	BLCDT	-20110325AAM
40	WXTV-DT	PATERSON NJ	204.4	APP	USERRECORD-01	

Total scenarios = 3

Result key: 5

Scenario 1 Affected station 5
Before Analysis

Results for: 40A MA SPRINGFIELD BLEDT 20100702BBL LIC
HAAT 324.0 m, ATV ERP 460.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3292509	22119.7
not affected by terrain losses	2788366	18756.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	420841	2029.0
lost to ATV IX only	420841	2029.0
lost to all IX	420841	2029.0

Potential Interfering Stations Included in above Scenario 1

39A CT NEW HAVEN	BLCDT	20040507AAZ	LIC
39A MA BOSTON	BLCDT	20021009AAF	LIC

40A MA VINEYARD HAVEN	BLCDT	20110615ABP	LIC
41A CT NEW HAVEN	BPEDT	20110512AAI	CP
41A MA CAMBRIDGE	BLCDT	20110325AAM	LIC
40A NJ PATERSON	DTVPLN	DTVP1444	PLN

After Analysis

Results for: 40A MA SPRINGFIELD BLCDT 20100702BBL LIC
 HAAT 324.0 m, ATV ERP 460.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3292509	22119.7
not affected by terrain losses	2788366	18756.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	402725	1929.2
lost to ATV IX only	402725	1929.2
lost to all IX	402725	1929.2

Potential Interfering Stations Included in above Scenario 1

39A CT NEW HAVEN	BLCDT	20040507AAZ	LIC
39A MA BOSTON	BLCDT	20021009AAF	LIC
40A MA VINEYARD HAVEN	BLCDT	20110615ABP	LIC
41A CT NEW HAVEN	BPEDT	20110512AAI	CP
41A MA CAMBRIDGE	BLCDT	20110325AAM	LIC
40A NJ PATERSON	USERRECORD01		APP

Percent new IX = -0.7652%

Result key: 6
 Scenario 2 Affected station 5
 Before Analysis

Results for: 40A MA SPRINGFIELD BLCDT 20100702BBL LIC
 HAAT 324.0 m, ATV ERP 460.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3292509	22119.7
not affected by terrain losses	2788366	18756.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	420841	2029.0
lost to ATV IX only	420841	2029.0
lost to all IX	420841	2029.0

Potential Interfering Stations Included in above Scenario 2

39A CT NEW HAVEN	BLCDT	20040507AAZ	LIC
39A MA BOSTON	BLCDT	20021009AAF	LIC
40A MA VINEYARD HAVEN	BLCDT	20110615ABP	LIC
41A CT NEW HAVEN	BPEDT	20110512AAI	CP
41A CT NEW HAVEN	BPRM	20090713ABS	APP
41A MA CAMBRIDGE	BLCDT	20110325AAM	LIC
40A NJ PATERSON	DTVPLN	DTVP1444	PLN

After Analysis

Results for: 40A MA SPRINGFIELD BLCDT 20100702BBL LIC
 HAAT 324.0 m, ATV ERP 460.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3292509	22119.7
not affected by terrain losses	2788366	18756.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	402725	1929.2
lost to ATV IX only	402725	1929.2
lost to all IX	402725	1929.2

Potential Interfering Stations Included in above Scenario 2

39A CT NEW HAVEN	BLCDT	20040507AAZ	LIC
39A MA BOSTON	BLCDT	20021009AAF	LIC
40A MA VINEYARD HAVEN	BLCDT	20110615ABP	LIC
41A CT NEW HAVEN	BPEDT	20110512AAI	CP
41A CT NEW HAVEN	BPRM	20090713ABS	APP
41A MA CAMBRIDGE	BLCDT	20110325AAM	LIC
40A NJ PATERSON	USERRECORD01		APP

Percent new IX = -0.7652%

Result key: 7
 Scenario 3 Affected station 5
 Before Analysis

Results for: 40A MA SPRINGFIELD BLCDT 20100702BBL LIC
HAAT 324.0 m, ATV ERP 460.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3292509	22119.7
not affected by terrain losses	2788366	18756.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	420841	2029.0
lost to ATV IX only	420841	2029.0
lost to all IX	420841	2029.0

Potential Interfering Stations Included in above Scenario 3

39A CT NEW HAVEN	BLCDT	20040507AAZ	LIC
39A MA BOSTON	BLCDT	20021009AAF	LIC
40A MA VINEYARD HAVEN	BLCDT	20110615ABP	LIC
41A CT NEW HAVEN	BPEDT	20110512AAI	CP
41A MA CAMBRIDGE	BLCDT	20110325AAM	LIC
40A NJ PATERSON	DTVPLN	DTVP1444	PLN

After Analysis

Results for: 40A MA SPRINGFIELD BLCDT 20100702BBL LIC
HAAT 324.0 m, ATV ERP 460.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3292509	22119.7
not affected by terrain losses	2788366	18756.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	402725	1929.2
lost to ATV IX only	402725	1929.2
lost to all IX	402725	1929.2

Potential Interfering Stations Included in above Scenario 3

39A CT NEW HAVEN	BLCDT	20040507AAZ	LIC
39A MA BOSTON	BLCDT	20021009AAF	LIC
40A MA VINEYARD HAVEN	BLCDT	20110615ABP	LIC
41A CT NEW HAVEN	BPEDT	20110512AAI	CP
41A MA CAMBRIDGE	BLCDT	20110325AAM	LIC
40A NJ PATERSON	USERRECORD01		APP

Percent new IX = -0.7652%

Worst case new IX -0.7652% Scenario 1

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	WDPX-TV	VINEYARD HAVEN MA	BLCDT -20110615ABP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	WCTX	NEW HAVEN CT	218.6	LIC	BLCDT -20040507AAZ
39	WSBK-TV	BOSTON MA	100.9	LIC	BLCDT -20021009AAF
40	WGGB-TV	SPRINGFIELD MA	199.9	LIC	BLCDT -20100702BBL
40	WXTV	PATERSON NJ	321.7	PLN	DTVPLN -DTVP1444
40	WNMN	SARANAC LAKE NY	425.8	CP MOD	BMPCDT -20091209ABD
41	WEDY	NEW HAVEN CT	216.8	CP	BPEDT -20110512AAI
41	WEDY-DR	NEW HAVEN CT	216.8	APP	BPRM -20090713ABS
41	WLVI	CAMBRIDGE MA	99.2	LIC	BLCDT -20110325AAM
40	WXTV-DT	PATERSON NJ	325.2	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	WNUV	BALTIMORE MD	BMLCDT -20110131ASB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	WJAL	HAGERSTOWN MD	128.6	LIC	BLCDDT	-20090804ACD
39	WJAL	SILVER SPRING MD	57.7	APP	BPRM	-20060424AEX
39	WLVT-TV	ALLENTOWN PA	171.1	LIC	BLEDT	-20090605ABD
40	WXTV	PATERSON NJ	275.7	PLN	DTVPLN	-DTVP1444
40	WTKR	NORFOLK VA	281.2	LIC	BLCDDT	-20050617AAW
41	WUTB	BALTIMORE MD	11.0	LIC	BLCDDT	-20100809CHT
41	WVIA-TV	SCRANTON PA	215.5	LIC	BLEDT	-20120319AAB
40	WXTV-DT	PATERSON NJ	271.6	APP	USERRECORD-01	

Total scenarios = 3

Result key: 8
Scenario 1 Affected station 7
Before Analysis

Results for: 40A MD BALTIMORE BMLCDDT 20110131ASB LIC
HAAT 373.0 m, ATV ERP 845.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7963729	28066.0
not affected by terrain losses	7814503	27010.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	41567	253.8
lost to ATV IX only	41567	253.8
lost to all IX	41567	253.8

Potential Interfering Stations Included in above Scenario 1

39A MD HAGERSTOWN	BLCDDT	20090804ACD	LIC
40A VA NORFOLK	BLCDDT	20050617AAW	LIC
41A MD BALTIMORE	BLCDDT	20100809CHT	LIC
40A NJ PATERSON	DTVPLN	DTVP1444	PLN

After Analysis

Results for: 40A MD BALTIMORE BMLCDDT 20110131ASB LIC
HAAT 373.0 m, ATV ERP 845.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7963729	28066.0
not affected by terrain losses	7814503	27010.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	43879	265.9
lost to ATV IX only	43879	265.9
lost to all IX	43879	265.9

Potential Interfering Stations Included in above Scenario 1

39A MD HAGERSTOWN	BLCDDT	20090804ACD	LIC
40A VA NORFOLK	BLCDDT	20050617AAW	LIC
41A MD BALTIMORE	BLCDDT	20100809CHT	LIC
40A NJ PATERSON	USERRECORD01		APP

Percent new IX = 0.0297%

Result key: 9
Scenario 2 Affected station 7
Before Analysis

Results for: 40A MD BALTIMORE BMLCDDT 20110131ASB LIC
HAAT 373.0 m, ATV ERP 845.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7963729	28066.0
not affected by terrain losses	7814503	27010.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	59045	265.9
lost to ATV IX only	59045	265.9
lost to all IX	59045	265.9

Potential Interfering Stations Included in above Scenario 2

39A MD HAGERSTOWN	BLCDDT	20090804ACD	LIC
39A MD SILVER SPRING	BPRM	20060424AEX	APP
40A VA NORFOLK	BLCDDT	20050617AAW	LIC
41A MD BALTIMORE	BLCDDT	20100809CHT	LIC
40A NJ PATERSON	DTVPLN	DTVP1444	PLN

After Analysis

Results for: 40A MD BALTIMORE BMLCDDT 20110131ASB LIC

HAAT	373.0 m, ATV ERP	845.0 kW
	POPULATION	AREA (sq km)
within Noise Limited Contour	7963729	28066.0
not affected by terrain losses	7814503	27010.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	61357	278.0
lost to ATV IX only	61357	278.0
lost to all IX	61357	278.0

Potential Interfering Stations Included in above Scenario 2

39A MD HAGERSTOWN	BLCDDT	20090804ACD	LIC
39A MD SILVER SPRING	BPRM	20060424AEX	APP
40A VA NORFOLK	BLCDDT	20050617AAW	LIC
41A MD BALTIMORE	BLCDDT	20100809CHT	LIC
40A NJ PATERSON	USERRECORD01		APP

Percent new IX = 0.0298%

Result key: 10
 Scenario 3 Affected station 7
 Before Analysis

Results for: 40A MD BALTIMORE	BMLCDDT	20110131ASB	LIC
HAAT	373.0 m, ATV ERP	845.0 kW	
	POPULATION	AREA (sq km)	
within Noise Limited Contour	7963729	28066.0	
not affected by terrain losses	7814503	27010.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	41567	253.8	
lost to ATV IX only	41567	253.8	
lost to all IX	41567	253.8	

Potential Interfering Stations Included in above Scenario 3

39A MD HAGERSTOWN	BLCDDT	20090804ACD	LIC
40A VA NORFOLK	BLCDDT	20050617AAW	LIC
41A MD BALTIMORE	BLCDDT	20100809CHT	LIC
40A NJ PATERSON	DTVPLN	DTVP1444	PLN

After Analysis

Results for: 40A MD BALTIMORE	BMLCDDT	20110131ASB	LIC
HAAT	373.0 m, ATV ERP	845.0 kW	
	POPULATION	AREA (sq km)	
within Noise Limited Contour	7963729	28066.0	
not affected by terrain losses	7814503	27010.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	43879	265.9	
lost to ATV IX only	43879	265.9	
lost to all IX	43879	265.9	

Potential Interfering Stations Included in above Scenario 3

39A MD HAGERSTOWN	BLCDDT	20090804ACD	LIC
40A VA NORFOLK	BLCDDT	20050617AAW	LIC
41A MD BALTIMORE	BLCDDT	20100809CHT	LIC
40A NJ PATERSON	USERRECORD01		APP

Percent new IX = 0.0297%

Worst case new IX 0.0298% Scenario 2

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Analysis of Interference to Affected Station 8

Analysis of current record			
Channel	Call	City/State	Application Ref. No.
40	WIXT-CA	DEWITT NY	BLTTL -19990125JC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
36	WENY-TV	ELMIRA NY	125.4	LIC	BLCDDT -20090730AAH
40	WGGB-TV	SPRINGFIELD MA	294.3	LIC	BLCDDT -20100702BBL
40	WXTV	PATERSON NJ	305.7	PLN	DTVPLN -DTVP1444
40	WNMN	SARANAC LAKE NY	216.7	CP MOD	BMPCDDT -20091209ABD

41	WPBS-DT	WATERTOWN NY	99.6	LIC	BLEDT	-20050923AGH
41	WPBS-DT	WATERTOWN NY	99.6	CP	BPEDT	-20080619ABP
42	WSKG-TV	BINGHAMTON NY	105.8	LIC	BLEDT	-20050526ACA
44	WNYS-TV	SYRACUSE NY	16.5	LIC	BLCDDT	-20060509AAQ
47	WTVH	SYRACUSE NY	5.9	LIC	BLCDDT	-20060809ACB
48	WYDC	CORNING NY	125.4	LIC	BLCDDT	-20090220ABG
40	WXTV-DT	PATERSON NJ	307.7	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	WIXT-CA	DEWITT NY	BDFCDTA	-20081117AAD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	WGGB-TV	SPRINGFIELD MA	294.3	LIC	BLCDDT	-20100702BBL
40	WXTV	PATERSON NJ	305.7	PLN	DTVPLN	-DTVP1444
40	WBGD-CA	ROCHESTER NY	129.5	LIC	BLTTA	-20001005ABU
40	WNMN	SARANAC LAKE NY	216.7	CP MOD	BMPCDDT	-20091209ABD
40	DK02CG	WATKINS GLEN NY	100.9	STA	BDSTA	-20120612ADJ
41	WPBS-DT	WATERTOWN NY	99.6	LIC	BLEDT	-20050923AGH
41	WPBS-DT	WATERTOWN NY	99.6	CP	BPEDT	-20080619ABP
40	WXTV-DT	PATERSON NJ	307.7	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	WNMN	SARANAC LAKE NY	BMPCDDT	-20091209ABD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	WGGB-TV	SPRINGFIELD MA	262.2	LIC	BLCDDT	-20100702BBL
40	WDPX-TV	VINEYARD HAVEN MA	425.8	LIC	BLCDDT	-20110615ABP
40	WXTV	PATERSON NJ	399.5	PLN	DTVPLN	-DTVP1444
41	WPBS-DT	WATERTOWN NY	138.2	LIC	BLEDT	-20050923AGH
41	WPBS-DT	WATERTOWN NY	138.2	CP	BPEDT	-20080619ABP
40	WXTV-DT	PATERSON NJ	403.4	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
41	WEDY	NEW HAVEN CT	BPEDT	-20110512AAI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	WGGB-TV	SPRINGFIELD MA	103.7	LIC	BLCDDT	-20100702BBL
40	WDPX-TV	VINEYARD HAVEN MA	216.8	LIC	BLCDDT	-20110615ABP
40	WXTV	PATERSON NJ	111.1	PLN	DTVPLN	-DTVP1444
41	WEDY-DR	NEW HAVEN CT	0.0	APP	BPRM	-20090713ABS
41	WLVI	CAMBRIDGE MA	176.9	LIC	BLCDDT	-20110325AAM
41	WUTB	BALTIMORE MD	397.6	LIC	BLCDDT	-20100809CHT
41	WPBS-DT	WATERTOWN NY	364.1	LIC	BLEDT	-20050923AGH
41	WPBS-DT	WATERTOWN NY	364.1	CP	BPEDT	-20080619ABP
41	WVIA-TV	SCRANTON PA	248.2	LIC	BLEDT	-20120319AAB
42	WZME	BRIDGEPORT CT	17.6	APP	BPCDDT	-20120601ARY
42	WZME	BRIDGEPORT CT	111.1	APP	BPCDDT	-20120601ARY
42	WZME	BRIDGEPORT CT	17.6	LIC	BLCDDT	-20061218ACB

42	WHDH-DR	BOSTON MA	177.6	APP	BPRM	-20090706ABZ
42	WHDH	BOSTON MA	177.6	LIC	BLCDT	-20101217AAX
40	WXTV-DT	PATERSON NJ	115.3	APP	USERRECORD-01	

Total scenarios = 5

Result key: 11
 Scenario 1 Affected station 11
 Before Analysis

Results for: 41A CT NEW HAVEN BPEDT 20110512AAI CP
 HAAT 94.0 m, ATV ERP 60.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3164616	10631.3
not affected by terrain losses	3079624	10231.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	774919	1949.3
lost to ATV IX only	774919	1949.3
lost to all IX	774919	1949.3

Potential Interfering Stations Included in above Scenario 1

40A MA SPRINGFIELD	BLCDT	20100702BBL	LIC
41A MA CAMBRIDGE	BLCDT	20110325AAM	LIC
41A PA SCRANTON	BLEDT	20120319AAB	LIC
42A CT BRIDGEPORT	BLCDT	20061218ACB	LIC
40A NJ PATERSON	DTVPLN	DTVP1444	PLN

After Analysis

Results for: 41A CT NEW HAVEN BPEDT 20110512AAI CP
 HAAT 94.0 m, ATV ERP 60.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3164616	10631.3
not affected by terrain losses	3079624	10231.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	774919	1949.3
lost to ATV IX only	774919	1949.3
lost to all IX	774919	1949.3

Potential Interfering Stations Included in above Scenario 1

40A MA SPRINGFIELD	BLCDT	20100702BBL	LIC
41A MA CAMBRIDGE	BLCDT	20110325AAM	LIC
41A PA SCRANTON	BLEDT	20120319AAB	LIC
42A CT BRIDGEPORT	BLCDT	20061218ACB	LIC
40A NJ PATERSON	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 12
 Scenario 2 Affected station 11
 Before Analysis

Results for: 41A CT NEW HAVEN BPEDT 20110512AAI CP
 HAAT 94.0 m, ATV ERP 60.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3164616	10631.3
not affected by terrain losses	3079624	10231.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2715057	8790.1
lost to ATV IX only	2715057	8790.1
lost to all IX	2715057	8790.1

Potential Interfering Stations Included in above Scenario 2

40A MA SPRINGFIELD	BLCDT	20100702BBL	LIC
41A CT NEW HAVEN	BPRM	20090713ABS	APP
41A MA CAMBRIDGE	BLCDT	20110325AAM	LIC
41A PA SCRANTON	BLEDT	20120319AAB	LIC
42A CT BRIDGEPORT	BPCDT	20120601ARY	APP
40A NJ PATERSON	DTVPLN	DTVP1444	PLN

After Analysis

Results for: 41A CT NEW HAVEN BPEDT 20110512AAI CP
 HAAT 94.0 m, ATV ERP 60.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3164616	10631.3

not affected by terrain losses	3079624	10231.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2715057	8790.1
lost to ATV IX only	2715057	8790.1
lost to all IX	2715057	8790.1

Potential Interfering Stations Included in above Scenario 2

40A MA SPRINGFIELD	BLCDDT	20100702BBL	LIC
41A CT NEW HAVEN	BPRM	20090713ABS	APP
41A MA CAMBRIDGE	BLCDDT	20110325AAM	LIC
41A PA SCRANTON	BLEDT	20120319AAB	LIC
42A CT BRIDGEPORT	BPCDDT	20120601ARY	APP
40A NJ PATERSON	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 13
 Scenario 3 Affected station 11
 Before Analysis

Results for: 41A CT NEW HAVEN BPEDT 20110512AAI CP
 HAAT 94.0 m, ATV ERP 60.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3164616	10631.3
not affected by terrain losses	3079624	10231.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2715057	8790.1
lost to ATV IX only	2715057	8790.1
lost to all IX	2715057	8790.1

Potential Interfering Stations Included in above Scenario 3

40A MA SPRINGFIELD	BLCDDT	20100702BBL	LIC
41A CT NEW HAVEN	BPRM	20090713ABS	APP
41A MA CAMBRIDGE	BLCDDT	20110325AAM	LIC
41A PA SCRANTON	BLEDT	20120319AAB	LIC
42A CT BRIDGEPORT	BLCDDT	20061218ACB	LIC
40A NJ PATERSON	DTVPLN	DTVP1444	PLN

After Analysis

Results for: 41A CT NEW HAVEN BPEDT 20110512AAI CP
 HAAT 94.0 m, ATV ERP 60.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3164616	10631.3
not affected by terrain losses	3079624	10231.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2715057	8790.1
lost to ATV IX only	2715057	8790.1
lost to all IX	2715057	8790.1

Potential Interfering Stations Included in above Scenario 3

40A MA SPRINGFIELD	BLCDDT	20100702BBL	LIC
41A CT NEW HAVEN	BPRM	20090713ABS	APP
41A MA CAMBRIDGE	BLCDDT	20110325AAM	LIC
41A PA SCRANTON	BLEDT	20120319AAB	LIC
42A CT BRIDGEPORT	BLCDDT	20061218ACB	LIC
40A NJ PATERSON	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 14
 Scenario 4 Affected station 11
 Before Analysis

Results for: 41A CT NEW HAVEN BPEDT 20110512AAI CP
 HAAT 94.0 m, ATV ERP 60.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3164616	10631.3
not affected by terrain losses	3079624	10231.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	773991	1937.3
lost to ATV IX only	773991	1937.3
lost to all IX	773991	1937.3

Potential Interfering Stations Included in above Scenario 4

40A MA SPRINGFIELD	BLCDDT	20100702BBL	LIC
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41A MA CAMBRIDGE	BLCDT	20110325AAM	LIC
41A PA SCRANTON	BLEDT	20120319AAB	LIC
42A CT BRIDGEPORT	BPCDT	20120601ARY	APP
40A NJ PATERSON	DTVPLN	DTVP1444	PLN

After Analysis

Results for: 41A CT NEW HAVEN BPEDT 20110512AAI CP

HAAT 94.0 m, ATV ERP 60.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	3164616	10631.3
not affected by terrain losses	3079624	10231.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	773991	1937.3
lost to ATV IX only	773991	1937.3
lost to all IX	773991	1937.3

Potential Interfering Stations Included in above Scenario 4

40A MA SPRINGFIELD	BLCDT	20100702BBL	LIC
41A MA CAMBRIDGE	BLCDT	20110325AAM	LIC
41A PA SCRANTON	BLEDT	20120319AAB	LIC
42A CT BRIDGEPORT	BPCDT	20120601ARY	APP
40A NJ PATERSON	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 15
 Scenario 5 Affected station 11
 Before Analysis

Results for: 41A CT NEW HAVEN BPEDT 20110512AAI CP

HAAT 94.0 m, ATV ERP 60.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	3164616	10631.3
not affected by terrain losses	3079624	10231.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	774919	1949.3
lost to ATV IX only	774919	1949.3
lost to all IX	774919	1949.3

Potential Interfering Stations Included in above Scenario 5

40A MA SPRINGFIELD	BLCDT	20100702BBL	LIC
41A MA CAMBRIDGE	BLCDT	20110325AAM	LIC
41A PA SCRANTON	BLEDT	20120319AAB	LIC
42A CT BRIDGEPORT	BLCDT	20061218ACB	LIC
40A NJ PATERSON	DTVPLN	DTVP1444	PLN

After Analysis

Results for: 41A CT NEW HAVEN BPEDT 20110512AAI CP

HAAT 94.0 m, ATV ERP 60.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	3164616	10631.3
not affected by terrain losses	3079624	10231.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	774919	1949.3
lost to ATV IX only	774919	1949.3
lost to all IX	774919	1949.3

Potential Interfering Stations Included in above Scenario 5

40A MA SPRINGFIELD	BLCDT	20100702BBL	LIC
41A MA CAMBRIDGE	BLCDT	20110325AAM	LIC
41A PA SCRANTON	BLEDT	20120319AAB	LIC
42A CT BRIDGEPORT	BLCDT	20061218ACB	LIC
40A NJ PATERSON	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
41	WEDY-DR	NEW HAVEN CT	BPRM -20090713ABS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	WGGB-TV	SPRINGFIELD MA	103.7	LIC	BLCDDT -20100702BBL
40	WDPX-TV	VINEYARD HAVEN MA	216.8	LIC	BLCDDT -20110615ABP
40	WXTV	PATERSON NJ	111.1	PLN	DTVPLN -DTVP1444
41	WEDY	NEW HAVEN CT	0.0	CP	BPEDT -20110512AAI
41	WLVI	CAMBRIDGE MA	176.9	LIC	BLCDDT -20110325AAM
41	WUTB	BALTIMORE MD	397.6	LIC	BLCDDT -20100809CHT
41	WPBS-DT	WATERTOWN NY	364.1	LIC	BLEDDT -20050923AGH
41	WPBS-DT	WATERTOWN NY	364.1	CP	BPEDT -20080619ABP
41	WVIA-TV	SCRANTON PA	248.2	LIC	BLEDDT -20120319AAB
42	WZME	BRIDGEPORT CT	17.6	APP	BPCDDT -20120601ARY
42	WZME	BRIDGEPORT CT	111.1	APP	BPCDDT -20120601ARY
42	WZME	BRIDGEPORT CT	17.6	LIC	BLCDDT -20061218ACB
42	WHDH-DR	BOSTON MA	177.6	APP	BPRM -20090706ABZ
42	WHDH	BOSTON MA	177.6	LIC	BLCDDT -20101217AAX
40	WXTV-DT	PATERSON NJ	115.3	APP	USERRECORD-01

Total scenarios = 2

Result key: 16
 Scenario 1 Affected station 12
 Before Analysis

Results for: 41A CT NEW HAVEN BPRM 20090713ABS APP

HAAT 88.0 m, ATV ERP 60.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	3129168	10511.3
not affected by terrain losses	3050373	10123.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2685226	8690.1
lost to ATV IX only	2685226	8690.1
lost to all IX	2685226	8690.1

Potential Interfering Stations Included in above Scenario 1

40A MA SPRINGFIELD	BLCDDT	20100702BBL	LIC
41A CT NEW HAVEN	BPEDT	20110512AAI	CP
41A MA CAMBRIDGE	BLCDDT	20110325AAM	LIC
41A PA SCRANTON	BLEDDT	20120319AAB	LIC
42A CT BRIDGEPORT	BLCDDT	20061218ACB	LIC
40A NJ PATERSON	DTVPLN	DTVP1444	PLN

After Analysis

Results for: 41A CT NEW HAVEN BPRM 20090713ABS APP

HAAT 88.0 m, ATV ERP 60.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	3129168	10511.3
not affected by terrain losses	3050373	10123.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2685226	8690.1
lost to ATV IX only	2685226	8690.1
lost to all IX	2685226	8690.1

Potential Interfering Stations Included in above Scenario 1

40A MA SPRINGFIELD	BLCDDT	20100702BBL	LIC
41A CT NEW HAVEN	BPEDT	20110512AAI	CP
41A MA CAMBRIDGE	BLCDDT	20110325AAM	LIC
41A PA SCRANTON	BLEDDT	20120319AAB	LIC
42A CT BRIDGEPORT	BLCDDT	20061218ACB	LIC
40A NJ PATERSON	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 17
 Scenario 2 Affected station 12
 Before Analysis

Results for: 41A CT NEW HAVEN BPRM 20090713ABS APP

HAAT 88.0 m, ATV ERP 60.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	3129168	10511.3
not affected by terrain losses	3050373	10123.0

lost to NTSC IX	0	0.0
lost to additional IX by ATV	2685226	8690.1
lost to ATV IX only	2685226	8690.1
lost to all IX	2685226	8690.1

Potential Interfering Stations Included in above Scenario 2

40A MA SPRINGFIELD	BLCDT	20100702BBL	LIC
41A CT NEW HAVEN	BPEDT	20110512AAI	CP
41A MA CAMBRIDGE	BLCDT	20110325AAM	LIC
41A PA SCRANTON	BLEDT	20120319AAB	LIC
42A CT BRIDGEPORT	BPCDT	20120601ARY	APP
40A NJ PATERSON	DTVPLN	DTVP1444	PLN

After Analysis

Results for: 41A CT NEW HAVEN BPRM 20090713ABS APP
 HAAT 88.0 m, ATV ERP 60.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3129168	10511.3
not affected by terrain losses	3050373	10123.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2685226	8690.1
lost to ATV IX only	2685226	8690.1
lost to all IX	2685226	8690.1

Potential Interfering Stations Included in above Scenario 2

40A MA SPRINGFIELD	BLCDT	20100702BBL	LIC
41A CT NEW HAVEN	BPEDT	20110512AAI	CP
41A MA CAMBRIDGE	BLCDT	20110325AAM	LIC
41A PA SCRANTON	BLEDT	20120319AAB	LIC
42A CT BRIDGEPORT	BPCDT	20120601ARY	APP
40A NJ PATERSON	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
41	WVIA-TV	SCRANTON PA	BLEDT	-20120319AAB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	WNUV	BALTIMORE MD	215.5	LIC	BMLCDT	-20110131ASB
40	WXTV	PATERSON NJ	165.4	PLN	DTVPLN	-DTVP1444
41	WEDY	NEW HAVEN CT	248.2	CP	BPEDT	-20110512AAI
41	WEDY-DR	NEW HAVEN CT	248.2	APP	BPRM	-20090713ABS
41	WLVI	CAMBRIDGE MA	405.4	LIC	BLCDT	-20110325AAM
41	WUTB	BALTIMORE MD	223.7	LIC	BLCDT	-20100809CHT
41	WPBS-DT	WATERTOWN NY	298.2	LIC	BLEDT	-20050923AGH
41	WPBS-DT	WATERTOWN NY	298.2	CP	BPEDT	-20080619ABP
41	WKBN-TV	YOUNGSTOWN OH	400.0	LIC	BLCDT	-20120224AAD
42	WZME	BRIDGEPORT CT	165.4	APP	BPCDT	-20120601ARY
42	WSKG-TV	BINGHAMTON NY	97.9	LIC	BLEDT	-20050526ACA
42	WTFX-TV	PHILADELPHIA PA	137.6	LIC	BLCDT	-20120511ADN
40	WXTV-DT	PATERSON NJ	164.4	APP	USERRECORD-01	
42	WZME	BRIDGEPORT CT		APP	BPCDT	-20120601ARY

Total scenarios = 6

Result key: 18
 Scenario 1 Affected station 13
 Before Analysis

Results for: 41A PA SCRANTON BLEDT 20120319AAB LIC
 HAAT 510.0 m, ATV ERP 365.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2848395	34010.9
not affected by terrain losses	2288704	28141.4
lost to NTSC IX	0	0.0

lost to additional IX by ATV	74147	1193.9
lost to ATV IX only	74147	1193.9
lost to all IX	74147	1193.9

Potential Interfering Stations Included in above Scenario 1

41A CT NEW HAVEN	BPEDT	20110512AAI	CP
41A MD BALTIMORE	BLCDT	20100809CHT	LIC
41A NY WATERTOWN	BLEDT	20050923AGH	LIC
42A NY BINGHAMTON	BLEDT	20050526ACA	LIC
42A PA PHILADELPHIA	BLCDT	20120511ADN	LIC
40A NJ PATERSON	DTVPLN	DTVP1444	PLN

After Analysis

Results for: 41A PA SCRANTON BLEDT 20120319AAB LIC
HAAT 510.0 m, ATV ERP 365.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2848395	34010.9
not affected by terrain losses	2288704	28141.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	74147	1193.9
lost to ATV IX only	74147	1193.9
lost to all IX	74147	1193.9

Potential Interfering Stations Included in above Scenario 1

41A CT NEW HAVEN	BPEDT	20110512AAI	CP
41A MD BALTIMORE	BLCDT	20100809CHT	LIC
41A NY WATERTOWN	BLEDT	20050923AGH	LIC
42A NY BINGHAMTON	BLEDT	20050526ACA	LIC
42A PA PHILADELPHIA	BLCDT	20120511ADN	LIC
40A NJ PATERSON	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 19
Scenario 2 Affected station 13
Before Analysis

Results for: 41A PA SCRANTON BLEDT 20120319AAB LIC
HAAT 510.0 m, ATV ERP 365.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2848395	34010.9
not affected by terrain losses	2288704	28141.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	74173	1197.9
lost to ATV IX only	74173	1197.9
lost to all IX	74173	1197.9

Potential Interfering Stations Included in above Scenario 2

41A CT NEW HAVEN	BPEDT	20110512AAI	CP
41A MD BALTIMORE	BLCDT	20100809CHT	LIC
41A NY WATERTOWN	BPEDT	20080619ABP	CP
42A NY BINGHAMTON	BLEDT	20050526ACA	LIC
42A PA PHILADELPHIA	BLCDT	20120511ADN	LIC
40A NJ PATERSON	DTVPLN	DTVP1444	PLN

After Analysis

Results for: 41A PA SCRANTON BLEDT 20120319AAB LIC
HAAT 510.0 m, ATV ERP 365.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2848395	34010.9
not affected by terrain losses	2288704	28141.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	74173	1197.9
lost to ATV IX only	74173	1197.9
lost to all IX	74173	1197.9

Potential Interfering Stations Included in above Scenario 2

41A CT NEW HAVEN	BPEDT	20110512AAI	CP
41A MD BALTIMORE	BLCDT	20100809CHT	LIC
41A NY WATERTOWN	BPEDT	20080619ABP	CP
42A NY BINGHAMTON	BLEDT	20050526ACA	LIC
42A PA PHILADELPHIA	BLCDT	20120511ADN	LIC
40A NJ PATERSON	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 20
Scenario 3 Affected station 13
Before Analysis

Results for: 41A PA SCRANTON BLEDT 20120319AAB LIC
HAAT 510.0 m, ATV ERP 365.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2848395	34010.9
not affected by terrain losses	2288704	28141.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	74147	1193.9
lost to ATV IX only	74147	1193.9
lost to all IX	74147	1193.9

Potential Interfering Stations Included in above Scenario 3

41A CT NEW HAVEN	BPEDT	20110512AAI	CP
41A CT NEW HAVEN	BPRM	20090713ABS	APP
41A MD BALTIMORE	BLCDT	20100809CHT	LIC
41A NY WATERTOWN	BLEDT	20050923AGH	LIC
42A NY BINGHAMTON	BLEDT	20050526ACA	LIC
42A PA PHILADELPHIA	BLCDT	20120511ADN	LIC
40A NJ PATERSON	DTVPLN	DTVP1444	PLN

After Analysis

Results for: 41A PA SCRANTON BLEDT 20120319AAB LIC
HAAT 510.0 m, ATV ERP 365.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2848395	34010.9
not affected by terrain losses	2288704	28141.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	74147	1193.9
lost to ATV IX only	74147	1193.9
lost to all IX	74147	1193.9

Potential Interfering Stations Included in above Scenario 3

41A CT NEW HAVEN	BPEDT	20110512AAI	CP
41A CT NEW HAVEN	BPRM	20090713ABS	APP
41A MD BALTIMORE	BLCDT	20100809CHT	LIC
41A NY WATERTOWN	BLEDT	20050923AGH	LIC
42A NY BINGHAMTON	BLEDT	20050526ACA	LIC
42A PA PHILADELPHIA	BLCDT	20120511ADN	LIC
40A NJ PATERSON	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 21
Scenario 4 Affected station 13
Before Analysis

Results for: 41A PA SCRANTON BLEDT 20120319AAB LIC
HAAT 510.0 m, ATV ERP 365.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2848395	34010.9
not affected by terrain losses	2288704	28141.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	74173	1197.9
lost to ATV IX only	74173	1197.9
lost to all IX	74173	1197.9

Potential Interfering Stations Included in above Scenario 4

41A CT NEW HAVEN	BPEDT	20110512AAI	CP
41A CT NEW HAVEN	BPRM	20090713ABS	APP
41A MD BALTIMORE	BLCDT	20100809CHT	LIC
41A NY WATERTOWN	BPEDT	20080619ABP	CP
42A NY BINGHAMTON	BLEDT	20050526ACA	LIC
42A PA PHILADELPHIA	BLCDT	20120511ADN	LIC
40A NJ PATERSON	DTVPLN	DTVP1444	PLN

After Analysis

Results for: 41A PA SCRANTON BLEDT 20120319AAB LIC
HAAT 510.0 m, ATV ERP 365.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2848395	34010.9

not affected by terrain losses	2288704	28141.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	74173	1197.9
lost to ATV IX only	74173	1197.9
lost to all IX	74173	1197.9

Potential Interfering Stations Included in above Scenario 4

41A CT NEW HAVEN	BPEDT	20110512AAI	CP
41A CT NEW HAVEN	BPRM	20090713ABS	APP
41A MD BALTIMORE	BLCDT	20100809CHT	LIC
41A NY WATERTOWN	BPEDT	20080619ABP	CP
42A NY BINGHAMTON	BLEDT	20050526ACA	LIC
42A PA PHILADELPHIA	BLCDT	20120511ADN	LIC
40A NJ PATERSON	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 22
 Scenario 5 Affected station 13
 Before Analysis

Results for: 41A PA SCRANTON BLEDT 20120319AAB LIC
 HAAT 510.0 m, ATV ERP 365.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2848395	34010.9
not affected by terrain losses	2288704	28141.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	74147	1193.9
lost to ATV IX only	74147	1193.9
lost to all IX	74147	1193.9

Potential Interfering Stations Included in above Scenario 5

41A CT NEW HAVEN	BPEDT	20110512AAI	CP
41A MD BALTIMORE	BLCDT	20100809CHT	LIC
41A NY WATERTOWN	BLEDT	20050923AGH	LIC
42A NY BINGHAMTON	BLEDT	20050526ACA	LIC
42A PA PHILADELPHIA	BLCDT	20120511ADN	LIC
40A NJ PATERSON	DTVPLN	DTVP1444	PLN

After Analysis

Results for: 41A PA SCRANTON BLEDT 20120319AAB LIC
 HAAT 510.0 m, ATV ERP 365.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2848395	34010.9
not affected by terrain losses	2288704	28141.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	74147	1193.9
lost to ATV IX only	74147	1193.9
lost to all IX	74147	1193.9

Potential Interfering Stations Included in above Scenario 5

41A CT NEW HAVEN	BPEDT	20110512AAI	CP
41A MD BALTIMORE	BLCDT	20100809CHT	LIC
41A NY WATERTOWN	BLEDT	20050923AGH	LIC
42A NY BINGHAMTON	BLEDT	20050526ACA	LIC
42A PA PHILADELPHIA	BLCDT	20120511ADN	LIC
40A NJ PATERSON	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 23
 Scenario 6 Affected station 13
 Before Analysis

Results for: 41A PA SCRANTON BLEDT 20120319AAB LIC
 HAAT 510.0 m, ATV ERP 365.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2848395	34010.9
not affected by terrain losses	2288704	28141.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	74173	1197.9
lost to ATV IX only	74173	1197.9
lost to all IX	74173	1197.9

Potential Interfering Stations Included in above Scenario 6

41A CT NEW HAVEN	BPEDT	20110512AAI	CP
41A MD BALTIMORE	BLCDT	20100809CHT	LIC
41A NY WATERTOWN	BPEDT	20080619ABP	CP
42A NY BINGHAMTON	BLEDT	20050526ACA	LIC
42A PA PHILADELPHIA	BLCDT	20120511ADN	LIC
40A NJ PATERSON	DTVPLN	DTVP1444	PLN

After Analysis

Results for: 41A PA SCRANTON BLEDT 20120319AAB LIC
HAAT 510.0 m, ATV ERP 365.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2848395	34010.9
not affected by terrain losses	2288704	28141.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	74173	1197.9
lost to ATV IX only	74173	1197.9
lost to all IX	74173	1197.9

Potential Interfering Stations Included in above Scenario 6

41A CT NEW HAVEN	BPEDT	20110512AAI	CP
41A MD BALTIMORE	BLCDT	20100809CHT	LIC
41A NY WATERTOWN	BPEDT	20080619ABP	CP
42A NY BINGHAMTON	BLEDT	20050526ACA	LIC
42A PA PHILADELPHIA	BLCDT	20120511ADN	LIC
40A NJ PATERSON	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	WXTV-DT	PATERSON NJ	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	WCTX	NEW HAVEN CT	118.9	LIC	BLCDT -20040507AAZ
39	WLVT-TV	ALLENTOWN PA	121.4	LIC	BLEDT -20090605ABD
40	WGGB-TV	SPRINGFIELD MA	204.4	LIC	BLCDT -20100702BBL
40	WDPX-TV	VINEYARD HAVEN MA	325.2	LIC	BLCDT -20110615ABP
40	WNUV	BALTIMORE MD	271.6	LIC	BMLCDT -20110131ASB
40	WNMN	SARANAC LAKE NY	403.4	CP MOD	BMPCDT -20091209ABD
41	WEDY	NEW HAVEN CT	115.3	CP	BPEDT -20110512AAI
41	WEDY-DR	NEW HAVEN CT	115.3	APP	BPRM -20090713ABS
41	WVIA-TV	SCRANTON PA	164.4	LIC	BLEDT -20120319AAB

Total scenarios = 3

Result key: 24

Scenario 1 Affected station 14
Before Analysis

Results for: 40A NJ PATERSON USERRECORD01 APP
HAAT 519.0 m, ATV ERP 177.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20155983	31029.0
not affected by terrain losses	19769988	28897.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	134874	770.5
lost to ATV IX only	134874	770.5
lost to all IX	134874	770.5

Potential Interfering Stations Included in above Scenario 1

39A CT NEW HAVEN	BLCDT	20040507AAZ	LIC
39A PA ALLENTOWN	BLEDT	20090605ABD	LIC
40A MA SPRINGFIELD	BLCDT	20100702BBL	LIC
40A MA VINEYARD HAVEN	BLCDT	20110615ABP	LIC
40A MD BALTIMORE	BMLCDT	20110131ASB	LIC
41A CT NEW HAVEN	BPEDT	20110512AAI	CP

Result key: 25
Scenario 2 Affected station 14
Before Analysis

Results for: 40A NJ PATERSON USERRECORD01 APP
HAAT 519.0 m, ATV ERP 177.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20155983	31029.0
not affected by terrain losses	19769988	28897.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	134874	770.5
lost to ATV IX only	134874	770.5
lost to all IX	134874	770.5

Potential Interfering Stations Included in above Scenario 2

39A CT NEW HAVEN	BLCDT	20040507AAZ	LIC
39A PA ALLENTOWN	BLEDT	20090605ABD	LIC
40A MA SPRINGFIELD	BLCDT	20100702BBL	LIC
40A MA VINEYARD HAVEN	BLCDT	20110615ABP	LIC
40A MD BALTIMORE	BMLCDT	20110131ASB	LIC
41A CT NEW HAVEN	BPEDT	20110512AAI	CP
41A CT NEW HAVEN	BPRM	20090713ABS	APP

Result key: 26
Scenario 3 Affected station 14
Before Analysis

Results for: 40A NJ PATERSON USERRECORD01 APP
HAAT 519.0 m, ATV ERP 177.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20155983	31029.0
not affected by terrain losses	19769988	28897.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	134874	770.5
lost to ATV IX only	134874	770.5
lost to all IX	134874	770.5

Potential Interfering Stations Included in above Scenario 3

39A CT NEW HAVEN	BLCDT	20040507AAZ	LIC
39A PA ALLENTOWN	BLEDT	20090605ABD	LIC
40A MA SPRINGFIELD	BLCDT	20100702BBL	LIC
40A MA VINEYARD HAVEN	BLCDT	20110615ABP	LIC
40A MD BALTIMORE	BMLCDT	20110131ASB	LIC
41A CT NEW HAVEN	BPEDT	20110512AAI	CP

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

APPENDIX D

STATION D ALLOCATION ANALYSIS

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
TW Census data selected 2000
Data Base Selected
/export/home/cdb/pt_tvdb.sff

WARNING WARNING WARNING

The following list of station records has been excluded from the analysis due to the fact that they have the same state, city and channel as the proposed station - This could cause the program to not find a potential fail situation

You can force the program to include these records by setting the state of the proposed record to ZZ and re-running the analysis

WABC-TV	07	NEW YORK	NY	BMPCDT	20080620AMV
WABC-TV	07	NEW YORK	NY	BPCDT	20120216ADO
WABC-TV	07	NEW YORK	NY	BMPCDT	20080620AMV
WABC-TV	07	NEW YORK	NY	BPCDT	20120216ADO
WABC-TV	07	NEW YORK	NY	BLCDT	20110503ACF

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 09-27-2012 Time: 08:42:12

Record Selected for Analysis

WABC-DT USERRECORD-01 NEW YORK NY US
Channel 07 ERP 21.4 kW HAAT 507. m RCAMSL 00518 m
Latitude 040-42-46 Longitude 0074-00-49
Status APP Zone 1 Border Site number: 01
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility (site # 01) does not meet maximum height/power limits
Channel 7 ERP = 21.40 HAAT = 507.

Site number 1			
Azimuth	ERP	HAAT	36.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	21.400	499.9	113.4
45.0	21.400	517.1	114.3
90.0	21.400	496.4	113.3
135.0	21.400	507.9	113.9
180.0	21.400	510.8	114.0
225.0	21.400	507.6	113.8
270.0	21.400	509.3	113.9
315.0	21.400	504.6	113.7

Evaluation toward Class A Stations from site # 01

Contour overlap to Class A station
W07BV 7 WILKES-BARRE, ETC. PA BLTVL 19930202IE

Class A Evaluation Complete

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance
Distance to border = 397.6km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
07	WABC-DT	NEW YORK NY	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	WJLA-TV	WASHINGTON DC	326.9	LIC	BLCDDT	20110706ABC
07	WXXA-TV	ALBANY NY	212.6	LIC	BLCDDT	20051222AAQ
07	WXXA-TV	ALBANY NY	212.6	APP	BPCDDT	20120123AOB
07	WBNG-TV	BINGHAMTON NY	220.2	LIC	BLCDDT	20060329ACH
07	WBNG-TV	BINGHAMTON NY	220.2	APP	BPCDDT	20120717AAC
07	WNNY-TV	CARTHAGE NY	386.8	LIC	BLCDDT	20090622AGM
07	WNNY-TV	CARTHAGE NY	386.8	CP	BPCDDT	20120224ABL
07	W07BV	WILKES-BARRE, ETC. PA	160.9	LIC	BLTVL	19930202IE
08	WNJB	NEW BRUNSWICK NJ	42.6	LIC	BLEDDT	20110427ABF
08	WICZ-TV	BINGHAMTON NY	219.6	LIC	BLCDDT	20060320AFC

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	WJLA-TV	WASHINGTON DC	BLCDDT	-20110706ABC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	WBNG-TV	BINGHAMTON NY	358.4	LIC	BLCDDT	-20060329ACH
07	WBNG-TV	BINGHAMTON NY	358.4	APP	BPCDDT	-20120717AAC
07	WABC-TV	NEW YORK NY	326.8	PLN	DTVPLN	-DTVP0086
07	WBBZ-TV	SPRINGVILLE NY	425.2	LIC	BLCDDT	-20100525AEW
07	WTPC-TV	VIRGINIA BEACH VA	243.4	LIC	BLCDDT	-20090615ADP
07	WTRF-TV	WHEELING WV	338.3	LIC	BLCDDT	-20090227ABV
08	WWCP-TV	JOHNSTOWN PA	224.1	LIC	BLCDDT	-20090413AEM
08	WGAL	LANCASTER PA	126.8	APP	BPCDDT	-20110516ACI
08	WGAL	LANCASTER PA	126.8	LIC	BLCDDT	-20110323ABF
07	WABC-DT	NEW YORK NY	326.9	APP	USERRECORD-01	

Total scenarios = 4

Result key: 1
Scenario 1 Affected station 1
Before Analysis

Results for: 7A DC WASHINGTON BLCDDT 20110706ABC LIC
HAAT 236.0 m, ATV ERP 52.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7914337	32752.2
not affected by terrain losses	7614891	30355.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	46905	880.1
lost to ATV IX only	46905	880.1
lost to all IX	46905	880.1

Potential Interfering Stations Included in above Scenario 1

7A NY BINGHAMTON	BLCDDT	20060329ACH	LIC
7A VA VIRGINIA BEACH	BLCDDT	20090615ADP	LIC

7A WV WHEELING	BLCDT	20090227ABV	LIC
8A PA LANCASTER	BLCDT	20110323ABF	LIC
7A NY NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 7A DC WASHINGTON BLCDT 20110706ABC LIC
HAAT 236.0 m, ATV ERP 52.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7914337	32752.2
not affected by terrain losses	7614891	30355.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	50654	936.1
lost to ATV IX only	50654	936.1
lost to all IX	50654	936.1

Potential Interfering Stations Included in above Scenario 1

7A NY BINGHAMTON	BLCDT	20060329ACH	LIC
7A VA VIRGINIA BEACH	BLCDT	20090615ADP	LIC
7A WV WHEELING	BLCDT	20090227ABV	LIC
8A PA LANCASTER	BLCDT	20110323ABF	LIC
7A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.0495%

Result key: 2
Scenario 2 Affected station 1
Before Analysis

Results for: 7A DC WASHINGTON BLCDT 20110706ABC LIC
HAAT 236.0 m, ATV ERP 52.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7914337	32752.2
not affected by terrain losses	7614891	30355.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	55481	968.1
lost to ATV IX only	55481	968.1
lost to all IX	55481	968.1

Potential Interfering Stations Included in above Scenario 2

7A NY BINGHAMTON	BLCDT	20060329ACH	LIC
7A VA VIRGINIA BEACH	BLCDT	20090615ADP	LIC
7A WV WHEELING	BLCDT	20090227ABV	LIC
8A PA LANCASTER	BPCDT	20110516ACI	APP
7A NY NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 7A DC WASHINGTON BLCDT 20110706ABC LIC
HAAT 236.0 m, ATV ERP 52.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7914337	32752.2
not affected by terrain losses	7614891	30355.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	58731	1016.1
lost to ATV IX only	58731	1016.1
lost to all IX	58731	1016.1

Potential Interfering Stations Included in above Scenario 2

7A NY BINGHAMTON	BLCDT	20060329ACH	LIC
7A VA VIRGINIA BEACH	BLCDT	20090615ADP	LIC
7A WV WHEELING	BLCDT	20090227ABV	LIC
8A PA LANCASTER	BPCDT	20110516ACI	APP
7A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.0430%

Result key: 3
Scenario 3 Affected station 1
Before Analysis

Results for: 7A DC WASHINGTON BLCDT 20110706ABC LIC
HAAT 236.0 m, ATV ERP 52.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7914337	32752.2
not affected by terrain losses	7614891	30355.9
lost to NTSC IX	0	0.0

lost to additional IX by ATV	55620	976.1
lost to ATV IX only	55620	976.1
lost to all IX	55620	976.1

Potential Interfering Stations Included in above Scenario 3

7A NY BINGHAMTON	BPCDT	20120717AAC	APP
7A VA VIRGINIA BEACH	BLCDT	20090615ADP	LIC
7A WV WHEELING	BLCDT	20090227ABV	LIC
8A PA LANCASTER	BPCDT	20110516ACI	APP
7A NY NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 7A DC WASHINGTON BLC DT 20110706ABC LIC
HAAT 236.0 m, ATV ERP 52.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7914337	32752.2
not affected by terrain losses	7614891	30355.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	58804	1020.1
lost to ATV IX only	58804	1020.1
lost to all IX	58804	1020.1

Potential Interfering Stations Included in above Scenario 3

7A NY BINGHAMTON	BPCDT	20120717AAC	APP
7A VA VIRGINIA BEACH	BLCDT	20090615ADP	LIC
7A WV WHEELING	BLCDT	20090227ABV	LIC
8A PA LANCASTER	BPCDT	20110516ACI	APP
7A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.0421%

Result key: 4
Scenario 4 Affected station 1
Before Analysis

Results for: 7A DC WASHINGTON BLC DT 20110706ABC LIC
HAAT 236.0 m, ATV ERP 52.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7914337	32752.2
not affected by terrain losses	7614891	30355.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	47044	888.1
lost to ATV IX only	47044	888.1
lost to all IX	47044	888.1

Potential Interfering Stations Included in above Scenario 4

7A NY BINGHAMTON	BPCDT	20120717AAC	APP
7A VA VIRGINIA BEACH	BLCDT	20090615ADP	LIC
7A WV WHEELING	BLCDT	20090227ABV	LIC
8A PA LANCASTER	BLCDT	20110323ABF	LIC
7A NY NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 7A DC WASHINGTON BLC DT 20110706ABC LIC
HAAT 236.0 m, ATV ERP 52.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7914337	32752.2
not affected by terrain losses	7614891	30355.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	50727	940.1
lost to ATV IX only	50727	940.1
lost to all IX	50727	940.1

Potential Interfering Stations Included in above Scenario 4

7A NY BINGHAMTON	BPCDT	20120717AAC	APP
7A VA VIRGINIA BEACH	BLCDT	20090615ADP	LIC
7A WV WHEELING	BLCDT	20090227ABV	LIC
8A PA LANCASTER	BLCDT	20110323ABF	LIC
7A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.0487%

Worst case new IX 0.0495% Scenario 1

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	WXXA-TV	ALBANY NY	BLCDDT	-20051222AAQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	WBNG-TV	BINGHAMTON NY	171.5	LIC	BLCDDT	-20060329ACH
07	WBNG-TV	BINGHAMTON NY	171.5	APP	BPCDDT	-20120717AAC
07	WVNY-TV	CARTHAGE NY	202.8	LIC	BLCDDT	-20090622AGM
07	WVNY-TV	CARTHAGE NY	202.8	CP	BPCDDT	-20120224ABL
07	WABC-TV	NEW YORK NY	212.7	PLN	DTVPLN	-DTVP0086
07	WBBZ-TV	SPRINGVILLE NY	385.6	LIC	BLCDDT	-20100525AEW
08	WNJB	NEW BRUNSWICK NJ	226.5	LIC	BLDDT	-20110427ABF
08	WICZ-TV	BINGHAMTON NY	171.0	LIC	BLCDDT	-20060320AFC
07	WABC-DT	NEW YORK NY	212.6	APP	USERRECORD-01	

Total scenarios = 4

Result key: 5
Scenario 1 Affected station 2
Before Analysis

Results for: 7A NY ALBANY BLCDDT 20051222AAQ LIC
HAAT 434.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1642431	32762.3
not affected by terrain losses	1504992	27580.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14729	1282.4
lost to ATV IX only	14729	1282.4
lost to all IX	14729	1282.4

Potential Interfering Stations Included in above Scenario 1

7A NY BINGHAMTON	BLCDDT	20060329ACH	LIC
7A NY CARTHAGE	BLCDDT	20090622AGM	LIC
7A NY NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 7A NY ALBANY BLCDDT 20051222AAQ LIC
HAAT 434.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1642431	32762.3
not affected by terrain losses	1504992	27580.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	19583	1502.9
lost to ATV IX only	19583	1502.9
lost to all IX	19583	1502.9

Potential Interfering Stations Included in above Scenario 1

7A NY BINGHAMTON	BLCDDT	20060329ACH	LIC
7A NY CARTHAGE	BLCDDT	20090622AGM	LIC
7A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.3257%

Result key: 6
Scenario 2 Affected station 2
Before Analysis

Results for: 7A NY ALBANY BLCDDT 20051222AAQ LIC
HAAT 434.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1642431	32762.3
not affected by terrain losses	1504992	27580.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15403	1366.6
lost to ATV IX only	15403	1366.6
lost to all IX	15403	1366.6

Potential Interfering Stations Included in above Scenario 2

7A NY BINGHAMTON	BLCDT	20060329ACH	LIC
7A NY CARTHAGE	BPCDT	20120224ABL	CP
7A NY NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 7A NY ALBANY BLCDT 20051222AAQ LIC
HAAT 434.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1642431	32762.3
not affected by terrain losses	1504992	27580.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	20176	1575.0
lost to ATV IX only	20176	1575.0
lost to all IX	20176	1575.0

Potential Interfering Stations Included in above Scenario 2

7A NY BINGHAMTON	BLCDT	20060329ACH	LIC
7A NY CARTHAGE	BPCDT	20120224ABL	CP
7A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.3204%

Result key: 7
Scenario 3 Affected station 2
Before Analysis

Results for: 7A NY ALBANY BLCDT 20051222AAQ LIC
HAAT 434.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1642431	32762.3
not affected by terrain losses	1504992	27580.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	17687	1514.9
lost to ATV IX only	17687	1514.9
lost to all IX	17687	1514.9

Potential Interfering Stations Included in above Scenario 3

7A NY BINGHAMTON	BPCDT	20120717AAC	APP
7A NY CARTHAGE	BLCDT	20090622AGM	LIC
7A NY NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 7A NY ALBANY BLCDT 20051222AAQ LIC
HAAT 434.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1642431	32762.3
not affected by terrain losses	1504992	27580.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	21864	1715.3
lost to ATV IX only	21864	1715.3
lost to all IX	21864	1715.3

Potential Interfering Stations Included in above Scenario 3

7A NY BINGHAMTON	BPCDT	20120717AAC	APP
7A NY CARTHAGE	BLCDT	20090622AGM	LIC
7A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.2808%

Result key: 8
Scenario 4 Affected station 2
Before Analysis

Results for: 7A NY ALBANY BLCDT 20051222AAQ LIC
HAAT 434.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1642431	32762.3
not affected by terrain losses	1504992	27580.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	18316	1595.0
lost to ATV IX only	18316	1595.0
lost to all IX	18316	1595.0

Potential Interfering Stations Included in above Scenario 4

7A NY BINGHAMTON	BPCDT	20120717AAC	APP
7A NY CARTHAGE	BPCDT	20120224ABL	CP
7A NY NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 7A NY ALBANY BLCDT 20051222AAQ LIC
HAAT 434.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1642431	32762.3
not affected by terrain losses	1504992	27580.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	22412	1783.4
lost to ATV IX only	22412	1783.4
lost to all IX	22412	1783.4

Potential Interfering Stations Included in above Scenario 4

7A NY BINGHAMTON	BPCDT	20120717AAC	APP
7A NY CARTHAGE	BPCDT	20120224ABL	CP
7A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.2755%

Worst case new IX 0.3257% Scenario 1

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	WXXA-TV	ALBANY NY	BPCDT	-20120123AOB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	WBNG-TV	BINGHAMTON NY	171.5	LIC	BLCDT	-20060329ACH
07	WBNG-TV	BINGHAMTON NY	171.5	APP	BPCDT	-20120717AAC
07	WVNY-TV	CARTHAGE NY	202.8	LIC	BLCDT	-20090622AGM
07	WVNY-TV	CARTHAGE NY	202.8	CP	BPCDT	-20120224ABL
07	WABC-TV	NEW YORK NY	212.7	PLN	DTVPLN	-DTVP0086
07	WBBZ-TV	SPRINGVILLE NY	385.6	LIC	BLCDT	-20100525AEW
08	WNJB	NEW BRUNSWICK NJ	226.5	LIC	BLEDT	-20110427ABF
08	WICZ-TV	BINGHAMTON NY	171.0	LIC	BLCDT	-20060320AFC
07	WABC-DT	NEW YORK NY	212.6	APP	USERRECORD-01	

Total scenarios = 4

Result key: 9

Scenario 1 Affected station 3

Before Analysis

Results for: 7A NY ALBANY BPCDT 20120123AOB APP
HAAT 434.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1729029	34978.1
not affected by terrain losses	1562857	29283.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	18007	1306.5
lost to ATV IX only	18007	1306.5
lost to all IX	18007	1306.5

Potential Interfering Stations Included in above Scenario 1

7A NY BINGHAMTON	BLCDT	20060329ACH	LIC
7A NY CARTHAGE	BLCDT	20090622AGM	LIC
7A NY NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 7A NY ALBANY BPCDT 20120123AOB APP
HAAT 434.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1729029	34978.1

not affected by terrain losses	1562857	29283.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	25680	1567.0
lost to ATV IX only	25680	1567.0
lost to all IX	25680	1567.0

Potential Interfering Stations Included in above Scenario 1

7A NY BINGHAMTON	BLCDT	20060329ACH	LIC
7A NY CARTHAGE	BLCDT	20090622AGM	LIC
7A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.4967%

Result key: 10
 Scenario 2 Affected station 3
 Before Analysis

Results for: 7A NY ALBANY BPCDT 20120123AOB APP
 HAAT 434.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1729029	34978.1
not affected by terrain losses	1562857	29283.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	19559	1398.6
lost to ATV IX only	19559	1398.6
lost to all IX	19559	1398.6

Potential Interfering Stations Included in above Scenario 2

7A NY BINGHAMTON	BLCDT	20060329ACH	LIC
7A NY CARTHAGE	BPCDT	20120224ABL	CP
7A NY NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 7A NY ALBANY BPCDT 20120123AOB APP
 HAAT 434.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1729029	34978.1
not affected by terrain losses	1562857	29283.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	26236	1639.1
lost to ATV IX only	26236	1639.1
lost to all IX	26236	1639.1

Potential Interfering Stations Included in above Scenario 2

7A NY BINGHAMTON	BLCDT	20060329ACH	LIC
7A NY CARTHAGE	BPCDT	20120224ABL	CP
7A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.4326%

Result key: 11
 Scenario 3 Affected station 3
 Before Analysis

Results for: 7A NY ALBANY BPCDT 20120123AOB APP
 HAAT 434.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1729029	34978.1
not affected by terrain losses	1562857	29283.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	20890	1550.9
lost to ATV IX only	20890	1550.9
lost to all IX	20890	1550.9

Potential Interfering Stations Included in above Scenario 3

7A NY BINGHAMTON	BPCDT	20120717AAC	APP
7A NY CARTHAGE	BLCDT	20090622AGM	LIC
7A NY NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 7A NY ALBANY BPCDT 20120123AOB APP
 HAAT 434.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1729029	34978.1

not affected by terrain losses	1562857	29283.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	28324	1783.4
lost to ATV IX only	28324	1783.4
lost to all IX	28324	1783.4

Potential Interfering Stations Included in above Scenario 3

7A NY BINGHAMTON	BPCDT	20120717AAC	APP
7A NY CARTHAGE	BLCDT	20090622AGM	LIC
7A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.4821%

Result key: 12
 Scenario 4 Affected station 3
 Before Analysis

Results for: 7A NY ALBANY BPCDT 20120123AOB APP
 HAAT 434.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1729029	34978.1
not affected by terrain losses	1562857	29283.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	22435	1635.1
lost to ATV IX only	22435	1635.1
lost to all IX	22435	1635.1

Potential Interfering Stations Included in above Scenario 4

7A NY BINGHAMTON	BPCDT	20120717AAC	APP
7A NY CARTHAGE	BPCDT	20120224ABL	CP
7A NY NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 7A NY ALBANY BPCDT 20120123AOB APP
 HAAT 434.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1729029	34978.1
not affected by terrain losses	1562857	29283.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	28873	1847.5
lost to ATV IX only	28873	1847.5
lost to all IX	28873	1847.5

Potential Interfering Stations Included in above Scenario 4

7A NY BINGHAMTON	BPCDT	20120717AAC	APP
7A NY CARTHAGE	BPCDT	20120224ABL	CP
7A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.4179%

Worst case new IX 0.4967% Scenario 1

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	WBNG-TV	BINGHAMTON NY	BLCDT	-20060329ACH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	WJLA-TV	WASHINGTON DC	358.4	LIC	BLCDT	-20110706ABC
07	WXXA-TV	ALBANY NY	171.5	LIC	BLCDT	-20051222AAQ
07	WXXA-TV	ALBANY NY	171.5	APP	BPCDT	-20120123AOB
07	WNNY-TV	CARTHAGE NY	211.5	LIC	BLCDT	-20090622AGM
07	WNNY-TV	CARTHAGE NY	211.5	CP	BPCDT	-20120224ABL
07	WABC-TV	NEW YORK NY	220.3	PLN	DTVPLN	-DTVP0086
07	WBBZ-TV	SPRINGVILLE NY	234.7	LIC	BLCDT	-20100525AEW
08	WNJB	NEW BRUNSWICK NJ	200.3	LIC	BLEDT	-20110427ABF
08	WICZ-TV	BINGHAMTON NY	0.7	LIC	BLCDT	-20060320AFC
07	WABC-DT	NEW YORK NY	220.2	APP	USERRECORD-01	

Total scenarios = 4

Result key: 13
Scenario 1 Affected station 4
Before Analysis

Results for: 7A NY BINGHAMTON BLCDT 20060329ACH LIC
HAAT 342.0 m, ATV ERP 20.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1412087	32363.5
not affected by terrain losses	1020417	28080.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	21909	1007.7
lost to ATV IX only	21909	1007.7
lost to all IX	21909	1007.7

Potential Interfering Stations Included in above Scenario 1

7A DC WASHINGTON	BLCDT	20110706ABC	LIC
7A NY ALBANY	BLCDT	20051222AAQ	LIC
7A NY CARTHAGE	BLCDT	20090622AGM	LIC
8A NY BINGHAMTON	BLCDT	20060320AFC	LIC
7A NY NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 7A NY BINGHAMTON BLCDT 20060329ACH LIC
HAAT 342.0 m, ATV ERP 20.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1412087	32363.5
not affected by terrain losses	1020417	28080.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	27184	1207.7
lost to ATV IX only	27184	1207.7
lost to all IX	27184	1207.7

Potential Interfering Stations Included in above Scenario 1

7A DC WASHINGTON	BLCDT	20110706ABC	LIC
7A NY ALBANY	BLCDT	20051222AAQ	LIC
7A NY CARTHAGE	BLCDT	20090622AGM	LIC
8A NY BINGHAMTON	BLCDT	20060320AFC	LIC
7A NY NEW YORK	USERRECORD01		APP

The following station failed the de minimis interference criteria.

7D NY NEW YORK USERRECORD01
ERP 21.40 kW HAAT 507.0 m RCAMSL 518.0 m
Antenna none

Due to interference to the following station and scenario: 1
7D NY BINGHAMTON BLCDT 20060329ACH
ERP 20.40 kW HAAT 342.0 m RCAMSL 739.0 m
Antenna CDB 999999999999999

Percent new interference from proposal: 0.5283 to BLCDT 20060329ACH

Result key: 14
Scenario 2 Affected station 4
Before Analysis

Results for: 7A NY BINGHAMTON BLCDT 20060329ACH LIC
HAAT 342.0 m, ATV ERP 20.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1412087	32363.5
not affected by terrain losses	1020417	28080.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	29421	1163.7
lost to ATV IX only	29421	1163.7
lost to all IX	29421	1163.7

Potential Interfering Stations Included in above Scenario 2

7A DC WASHINGTON	BLCDT	20110706ABC	LIC
7A NY ALBANY	BLCDT	20051222AAQ	LIC
7A NY CARTHAGE	BPCDT	20120224ABL	CP
8A NY BINGHAMTON	BLCDT	20060320AFC	LIC
7A NY NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 7A NY BINGHAMTON BLCDT 20060329ACH LIC
HAAT 342.0 m, ATV ERP 20.4 kW
POPULATION AREA (sq km)
within Noise Limited Contour 1412087 32363.5
not affected by terrain losses 1020417 28080.6
lost to NTSC IX 0 0.0
lost to additional IX by ATV 33455 1343.6
lost to ATV IX only 33455 1343.6
lost to all IX 33455 1343.6

Potential Interfering Stations Included in above Scenario 2

7A DC WASHINGTON	BLCDT	20110706ABC	LIC
7A NY ALBANY	BLCDT	20051222AAQ	LIC
7A NY CARTHAGE	BPCDT	20120224ABL	CP
8A NY BINGHAMTON	BLCDT	20060320AFC	LIC
7A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.4071%

Result key: 15
Scenario 3 Affected station 4
Before Analysis

Results for: 7A NY BINGHAMTON BLCDT 20060329ACH LIC
HAAT 342.0 m, ATV ERP 20.4 kW
POPULATION AREA (sq km)
within Noise Limited Contour 1412087 32363.5
not affected by terrain losses 1020417 28080.6
lost to NTSC IX 0 0.0
lost to additional IX by ATV 22984 1091.7
lost to ATV IX only 22984 1091.7
lost to all IX 22984 1091.7

Potential Interfering Stations Included in above Scenario 3

7A DC WASHINGTON	BLCDT	20110706ABC	LIC
7A NY ALBANY	BPCDT	20120123AOB	APP
7A NY CARTHAGE	BLCDT	20090622AGM	LIC
8A NY BINGHAMTON	BLCDT	20060320AFC	LIC
7A NY NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 7A NY BINGHAMTON BLCDT 20060329ACH LIC
HAAT 342.0 m, ATV ERP 20.4 kW
POPULATION AREA (sq km)
within Noise Limited Contour 1412087 32363.5
not affected by terrain losses 1020417 28080.6
lost to NTSC IX 0 0.0
lost to additional IX by ATV 28073 1287.7
lost to ATV IX only 28073 1287.7
lost to all IX 28073 1287.7

Potential Interfering Stations Included in above Scenario 3

7A DC WASHINGTON	BLCDT	20110706ABC	LIC
7A NY ALBANY	BPCDT	20120123AOB	APP
7A NY CARTHAGE	BLCDT	20090622AGM	LIC
8A NY BINGHAMTON	BLCDT	20060320AFC	LIC
7A NY NEW YORK	USERRECORD01		APP

The following station failed the de minimis interference criteria.

7D NY NEW YORK USERRECORD01
ERP 21.40 kW HAAT 507.0 m RCMSL 518.0 m
Antenna none

Due to interference to the following station and scenario: 3

7D NY BINGHAMTON BLCDT 20060329ACH
ERP 20.40 kW HAAT 342.0 m RCMSL 739.0 m
Antenna CDB 999999999999999

Percent new interference from proposal: 0.5102 to BLCDT 20060329ACH

Result key: 16
Scenario 4 Affected station 4
Before Analysis

Results for: 7A NY BINGHAMTON BLCDT 20060329ACH LIC
 HAAT 342.0 m, ATV ERP 20.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1412087	32363.5
not affected by terrain losses	1020417	28080.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	30496	1247.7
lost to ATV IX only	30496	1247.7
lost to all IX	30496	1247.7

Potential Interfering Stations Included in above Scenario 4

7A DC WASHINGTON	BLCDT	20110706ABC	LIC
7A NY ALBANY	BPCDT	20120123AOB	APP
7A NY CARTHAGE	BPCDT	20120224ABL	CP
8A NY BINGHAMTON	BLCDT	20060320AFC	LIC
7A NY NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 7A NY BINGHAMTON BLCDT 20060329ACH LIC
 HAAT 342.0 m, ATV ERP 20.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1412087	32363.5
not affected by terrain losses	1020417	28080.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	34344	1423.6
lost to ATV IX only	34344	1423.6
lost to all IX	34344	1423.6

Potential Interfering Stations Included in above Scenario 4

7A DC WASHINGTON	BLCDT	20110706ABC	LIC
7A NY ALBANY	BPCDT	20120123AOB	APP
7A NY CARTHAGE	BPCDT	20120224ABL	CP
8A NY BINGHAMTON	BLCDT	20060320AFC	LIC
7A NY NEW YORK	USERRECORD01		APP

Percent new IX = 0.3887%

Worst case new IX 0.5283% Scenario 1

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	WBNG-TV	BINGHAMTON NY	BPCDT	-20120717AAC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	WJLA-TV	WASHINGTON DC	358.4	LIC	BLCDT	-20110706ABC
07	WXXA-TV	ALBANY NY	171.5	LIC	BLCDT	-20051222AAQ
07	WXXA-TV	ALBANY NY	171.5	APP	BPCDT	-20120123AOB
07	WVNY-TV	CARTHAGE NY	211.5	LIC	BLCDT	-20090622AGM
07	WVNY-TV	CARTHAGE NY	211.5	CP	BPCDT	-20120224ABL
07	WABC-TV	NEW YORK NY	220.3	PLN	DTVPLN	-DTVP0086
07	WBBZ-TV	SPRINGVILLE NY	234.7	LIC	BLCDT	-20100525AEW
08	WNJB	NEW BRUNSWICK NJ	200.3	LIC	BLEDT	-20110427ABF
08	WICZ-TV	BINGHAMTON NY	0.7	LIC	BLCDT	-20060320AFC
07	WABC-DT	NEW YORK NY	220.2	APP	USERRECORD-01	

Total scenarios = 4

Result key: 17
 Scenario 1 Affected station 5
 Before Analysis

Results for: 7A NY BINGHAMTON BPCDT 20120717AAC APP
 HAAT 342.0 m, ATV ERP 34.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1615526	35169.4
not affected by terrain losses	1102654	30358.9
lost to NTSC IX	0	0.0

lost to additional IX by ATV	28566	1203.6
lost to ATV IX only	28566	1203.6
lost to all IX	28566	1203.6

Potential Interfering Stations Included in above Scenario 1

7A DC WASHINGTON	BLCDT	20110706ABC	LIC
7A NY ALBANY	BLCDT	20051222AAQ	LIC
7A NY CARTHAGE	BLCDT	20090622AGM	LIC
8A NY BINGHAMTON	BLCDT	20060320AFC	LIC
7A NY NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 7A NY BINGHAMTON BPCDT 20120717AAC APP
 HAAT 342.0 m, ATV ERP 34.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1615526	35169.4
not affected by terrain losses	1102654	30358.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	37289	1547.5
lost to ATV IX only	37289	1547.5
lost to all IX	37289	1547.5

Potential Interfering Stations Included in above Scenario 1

7A DC WASHINGTON	BLCDT	20110706ABC	LIC
7A NY ALBANY	BLCDT	20051222AAQ	LIC
7A NY CARTHAGE	BLCDT	20090622AGM	LIC
8A NY BINGHAMTON	BLCDT	20060320AFC	LIC
7A NY NEW YORK	USERRECORD01		APP

The following station failed the de minimis interference criteria.

7D NY NEW YORK USERRECORD01
 ERP 21.40 kW HAAT 507.0 m RCAMSL 518.0 m
 Antenna none

Due to interference to the following station and scenario: 1
 7D NY BINGHAMTON BPCDT 20120717AAC
 ERP 34.00 kW HAAT 342.0 m RCAMSL 739.0 m
 Antenna CDB 999999999999999

Percent new interference from proposal: 0.8121 to BPCDT 20120717AAC

Result key: 18
 Scenario 2 Affected station 5
 Before Analysis

Results for: 7A NY BINGHAMTON BPCDT 20120717AAC APP
 HAAT 342.0 m, ATV ERP 34.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1615526	35169.4
not affected by terrain losses	1102654	30358.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	36969	1351.6
lost to ATV IX only	36969	1351.6
lost to all IX	36969	1351.6

Potential Interfering Stations Included in above Scenario 2

7A DC WASHINGTON	BLCDT	20110706ABC	LIC
7A NY ALBANY	BLCDT	20051222AAQ	LIC
7A NY CARTHAGE	BPCDT	20120224ABL	CP
8A NY BINGHAMTON	BLCDT	20060320AFC	LIC
7A NY NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 7A NY BINGHAMTON BPCDT 20120717AAC APP
 HAAT 342.0 m, ATV ERP 34.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1615526	35169.4
not affected by terrain losses	1102654	30358.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	45193	1679.5
lost to ATV IX only	45193	1679.5
lost to all IX	45193	1679.5

Potential Interfering Stations Included in above Scenario 2

7A DC WASHINGTON	BLCDT	20110706ABC	LIC
7A NY ALBANY	BLCDT	20051222AAQ	LIC
7A NY CARTHAGE	BPCDT	20120224ABL	CP
8A NY BINGHAMTON	BLCDT	20060320AFC	LIC
7A NY NEW YORK	USERRECORD01		APP

The following station failed the de minimis interference criteria.

7D NY NEW YORK USERRECORD01
 ERP 21.40 kW HAAT 507.0 m RCAMSL 518.0 m
 Antenna none

Due to interference to the following station and scenario: 2

7D NY BINGHAMTON BPCDT 20120717AAC
 ERP 34.00 kW HAAT 342.0 m RCAMSL 739.0 m
 Antenna CDB 9999999999999999

Percent new interference from proposal: 0.7717 to BPCDT 20120717AAC

Result key: 19
 Scenario 3 Affected station 5
 Before Analysis

Results for: 7A NY BINGHAMTON BPCDT 20120717AAC APP
 HAAT 342.0 m, ATV ERP 34.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1615526	35169.4
not affected by terrain losses	1102654	30358.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	31942	1347.6
lost to ATV IX only	31942	1347.6
lost to all IX	31942	1347.6

Potential Interfering Stations Included in above Scenario 3

7A DC WASHINGTON	BLCDT	20110706ABC	LIC
7A NY ALBANY	BPCDT	20120123AOB	APP
7A NY CARTHAGE	BLCDT	20090622AGM	LIC
8A NY BINGHAMTON	BLCDT	20060320AFC	LIC
7A NY NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 7A NY BINGHAMTON BPCDT 20120717AAC APP
 HAAT 342.0 m, ATV ERP 34.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1615526	35169.4
not affected by terrain losses	1102654	30358.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	40016	1659.5
lost to ATV IX only	40016	1659.5
lost to all IX	40016	1659.5

Potential Interfering Stations Included in above Scenario 3

7A DC WASHINGTON	BLCDT	20110706ABC	LIC
7A NY ALBANY	BPCDT	20120123AOB	APP
7A NY CARTHAGE	BLCDT	20090622AGM	LIC
8A NY BINGHAMTON	BLCDT	20060320AFC	LIC
7A NY NEW YORK	USERRECORD01		APP

The following station failed the de minimis interference criteria.

7D NY NEW YORK USERRECORD01
 ERP 21.40 kW HAAT 507.0 m RCAMSL 518.0 m
 Antenna none

Due to interference to the following station and scenario: 3

7D NY BINGHAMTON BPCDT 20120717AAC
 ERP 34.00 kW HAAT 342.0 m RCAMSL 739.0 m
 Antenna CDB 9999999999999999

Percent new interference from proposal: 0.7541 to BPCDT 20120717AAC

Result key: 20
 Scenario 4 Affected station 5
 Before Analysis

Results for: 7A NY BINGHAMTON BPCDT 20120717AAC APP

HAAT	342.0 m, ATV ERP	34.0 kW	
		POPULATION	AREA (sq km)
within Noise Limited Contour		1615526	35169.4
not affected by terrain losses		1102654	30358.9
lost to NTSC IX		0	0.0
lost to additional IX by ATV		40018	1483.6
lost to ATV IX only		40018	1483.6
lost to all IX		40018	1483.6

Potential Interfering Stations Included in above Scenario 4

7A DC WASHINGTON	BLCDT	20110706ABC	LIC
7A NY ALBANY	BPCDT	20120123AOB	APP
7A NY CARTHAGE	BPCDT	20120224ABL	CP
8A NY BINGHAMTON	BLCDT	20060320AFC	LIC
7A NY NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 7A NY BINGHAMTON BPCDT 20120717AAC APP
HAAT 342.0 m, ATV ERP 34.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1615526	35169.4
not affected by terrain losses	1102654	30358.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	47912	1787.5
lost to ATV IX only	47912	1787.5
lost to all IX	47912	1787.5

Potential Interfering Stations Included in above Scenario 4

7A DC WASHINGTON	BLCDT	20110706ABC	LIC
7A NY ALBANY	BPCDT	20120123AOB	APP
7A NY CARTHAGE	BPCDT	20120224ABL	CP
8A NY BINGHAMTON	BLCDT	20060320AFC	LIC
7A NY NEW YORK	USERRECORD01		APP

The following station failed the de minimis interference criteria.

7D NY NEW YORK USERRECORD01
ERP 21.40 kW HAAT 507.0 m RCAMSL 518.0 m
Antenna none

Due to interference to the following station and scenario: 4

7D NY BINGHAMTON BPCDT 20120717AAC
ERP 34.00 kW HAAT 342.0 m RCAMSL 739.0 m
Antenna CDB 9999999999999999

Percent new interference from proposal: 0.7429 to BPCDT 20120717AAC

Worst case new IX 0.8121% Scenario 1

Proposed station is MX
7A NY NEW YORK USERRECORD01 APP
7A NY BINGHAMTON BPCDT 20120717AAC APP

Proposal MX with BPCDT 20120717AAC scenario 1 of station 5

Proposed station is MX
7A NY NEW YORK USERRECORD01 APP
7A NY BINGHAMTON BPCDT 20120717AAC APP

Proposal MX with BPCDT 20120717AAC scenario 2 of station 5

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
07	WWNY-TV	CARTHAGE NY	BLCDT -20090622AGM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
07	WXXA-TV	ALBANY NY	202.8	LIC	BLCDT -20051222AAQ

07	WXXA-TV	ALBANY NY	202.8	APP	BPCDT	-20120123AOB
07	WBNG-TV	BINGHAMTON NY	211.5	LIC	BLCDDT	-20060329ACH
07	WBNG-TV	BINGHAMTON NY	211.5	APP	BPCDT	-20120717AAC
07	WABC-TV	NEW YORK NY	386.9	PLN	DTVPLN	-DTVP0086
07	WBBZ-TV	SPRINGVILLE NY	287.2	LIC	BLCDDT	-20100525AEW
08	WICZ-TV	BINGHAMTON NY	211.7	LIC	BLCDDT	-20060320AFC
07	WABC-DT	NEW YORK NY	386.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
07	WNXY-TV	CARTHAGE NY	BPCDT -20120224ABL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
07	WXXA-TV	ALBANY NY	202.8	LIC	BLCDDT -20051222AAQ
07	WXXA-TV	ALBANY NY	202.8	APP	BPCDT -20120123AOB
07	WBNG-TV	BINGHAMTON NY	211.5	LIC	BLCDDT -20060329ACH
07	WBNG-TV	BINGHAMTON NY	211.5	APP	BPCDT -20120717AAC
07	WABC-TV	NEW YORK NY	386.9	PLN	DTVPLN -DTVP0086
07	WBBZ-TV	SPRINGVILLE NY	287.2	LIC	BLCDDT -20100525AEW
08	WICZ-TV	BINGHAMTON NY	211.7	LIC	BLCDDT -20060320AFC
07	WABC-DT	NEW YORK NY	386.8	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
07	W07BV	WILKES-BARRE, ETC. PA	BLTVL -19930202IE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
07	WJLA-TV	WASHINGTON DC	271.9	LIC	BLCDDT -20110706ABC
07	WXXA-TV	ALBANY NY	218.1	LIC	BLCDDT -20051222AAQ
07	WXXA-TV	ALBANY NY	218.1	APP	BPCDT -20120123AOB
07	WBNG-TV	BINGHAMTON NY	96.2	LIC	BLCDDT -20060329ACH
07	WBNG-TV	BINGHAMTON NY	96.2	APP	BPCDT -20120717AAC
07	WNXY-TV	CARTHAGE NY	306.4	LIC	BLCDDT -20090622AGM
07	WNXY-TV	CARTHAGE NY	306.4	CP	BPCDT -20120224ABL
07	WABC-TV	NEW YORK NY	161.0	PLN	DTVPLN -DTVP0086
07	WBBZ-TV	SPRINGVILLE NY	284.4	LIC	BLCDDT -20100525AEW
07	W07DC-D	ALLENTOWN/BETHLEHEM PA	76.9	LIC	BLDTV -20090806AAJ
07	WWJT-LP	PHILADELPHIA PA	149.0	LIC	BLTVL -20070112AIC
08	WNJB	NEW BRUNSWICK NJ	127.8	LIC	BLEDT -20110427ABF
08	WICZ-TV	BINGHAMTON NY	95.9	LIC	BLCDDT -20060320AFC
07	WABC-DT	NEW YORK NY	160.9	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application Ref. No.
08	WNJB	NEW BRUNSWICK NJ	BLEDT -20110427ABF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
07	WXXA-TV	ALBANY NY	226.5	LIC	BLCDDT -20051222AAQ
07	WXXA-TV	ALBANY NY	226.5	APP	BPCDT -20120123AOB
07	WBNG-TV	BINGHAMTON NY	200.3	LIC	BLCDDT -20060329ACH
07	WBNG-TV	BINGHAMTON NY	200.3	APP	BPCDT -20120717AAC
07	WABC-TV	NEW YORK NY	42.6	PLN	DTVPLN -DTVP0086
08	WICZ-TV	BINGHAMTON NY	199.7	LIC	BLCDDT -20060320AFC

08	WWCP-TV	JOHNSTOWN PA	396.3	LIC	BLCDDT	-20090413AEM
08	WGAL	LANCASTER PA	190.7	APP	BPCDDT	-20110516ACI
08	WGAL	LANCASTER PA	190.7	LIC	BLCDDT	-20110323ABF
09	WEDN	NORWICH CT	219.8	LIC	BLEDT	-20090618ACB
09	WBPH-TV	BETHLEHEM PA	78.8	LIC	BLCDDT	-20100907AAF
09	WBPH-TV	BETHLEHEM PA	78.8	APP	BPCDDT	-20110518ADP
09	WBPH-TV	BETHLEHEM PA	78.8	CP MOD	BMPCDDT	-20110330AAN
07	WABC-DT	NEW YORK NY	42.6	APP	USERRECORD-01	

Total scenarios = 6

Result key: 21
 Scenario 1 Affected station 9
 Before Analysis

Results for: 8A NJ NEW BRUNSWICK BLEDT 20110427ABF LIC
 HAAT 218.0 m, ATV ERP 40.8 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20668171	26517.0
not affected by terrain losses	19916767	24007.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2193050	3336.6
lost to ATV IX only	2193050	3336.6
lost to all IX	2193050	3336.6

Potential Interfering Stations Included in above Scenario 1

8A NY BINGHAMTON	BLCDDT	20060320AFC	LIC
8A PA LANCASTER	BLCDDT	20110323ABF	LIC
9A PA BETHLEHEM	BLCDDT	20100907AAF	LIC
7A NY NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 8A NJ NEW BRUNSWICK BLEDT 20110427ABF LIC
 HAAT 218.0 m, ATV ERP 40.8 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20668171	26517.0
not affected by terrain losses	19916767	24007.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4568280	4835.1
lost to ATV IX only	4568280	4835.1
lost to all IX	4568280	4835.1

Potential Interfering Stations Included in above Scenario 1

8A NY BINGHAMTON	BLCDDT	20060320AFC	LIC
8A PA LANCASTER	BLCDDT	20110323ABF	LIC
9A PA BETHLEHEM	BLCDDT	20100907AAF	LIC
7A NY NEW YORK	USERRECORD01		APP

The following station failed the de minimis interference criteria.

7D NY NEW YORK USERRECORD01
 ERP 21.40 kW HAAT 507.0 m RCAMSL 518.0 m
 Antenna none

Due to interference to the following station and scenario: 1
 8D NJ NEW BRUNSWICK BLEDT 20110427ABF
 ERP 40.82 kW HAAT 218.0 m RCAMSL 281.0 m
 Antenna CDB 00000000104545

Percent new interference from proposal: 13.4014 to BLEDT 20110427ABF

Result key: 22
 Scenario 2 Affected station 9
 Before Analysis

Results for: 8A NJ NEW BRUNSWICK BLEDT 20110427ABF LIC
 HAAT 218.0 m, ATV ERP 40.8 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20668171	26517.0
not affected by terrain losses	19916767	24007.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2193050	3336.6
lost to ATV IX only	2193050	3336.6
lost to all IX	2193050	3336.6

Potential Interfering Stations Included in above Scenario 2

8A NY BINGHAMTON	BLCDT	20060320AFC	LIC
8A PA LANCASTER	BLCDT	20110323ABF	LIC
9A PA BETHLEHEM	BMPCDT	20110330AAN	CP
7A NY NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 8A NJ NEW BRUNSWICK BLEDT 20110427ABF LIC

HAAT 218.0 m, ATV ERP 40.8 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	20668171	26517.0
not affected by terrain losses	19916767	24007.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4568280	4835.1
lost to ATV IX only	4568280	4835.1
lost to all IX	4568280	4835.1

Potential Interfering Stations Included in above Scenario 2

8A NY BINGHAMTON	BLCDT	20060320AFC	LIC
8A PA LANCASTER	BLCDT	20110323ABF	LIC
9A PA BETHLEHEM	BMPCDT	20110330AAN	CP
7A NY NEW YORK	USERRECORD01		APP

The following station failed the de minimis interference criteria.

7D NY NEW YORK USERRECORD01
ERP 21.40 kW HAAT 507.0 m RCAMSL 518.0 m
Antenna none

Due to interference to the following station and scenario: 2

8D NJ NEW BRUNSWICK BLEDT 20110427ABF
ERP 40.82 kW HAAT 218.0 m RCAMSL 281.0 m
Antenna CDB 00000000104545

Percent new interference from proposal: 13.4014 to BLEDT 20110427ABF

Result key: 23
Scenario 3 Affected station 9
Before Analysis

Results for: 8A NJ NEW BRUNSWICK BLEDT 20110427ABF LIC

HAAT 218.0 m, ATV ERP 40.8 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	20668171	26517.0
not affected by terrain losses	19916767	24007.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2389456	3836.1
lost to ATV IX only	2389456	3836.1
lost to all IX	2389456	3836.1

Potential Interfering Stations Included in above Scenario 3

8A NY BINGHAMTON	BLCDT	20060320AFC	LIC
8A PA LANCASTER	BPCDT	20110516ACI	APP
9A PA BETHLEHEM	BLCDT	20100907AAF	LIC
7A NY NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 8A NJ NEW BRUNSWICK BLEDT 20110427ABF LIC

HAAT 218.0 m, ATV ERP 40.8 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	20668171	26517.0
not affected by terrain losses	19916767	24007.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4742477	5278.6
lost to ATV IX only	4742477	5278.6
lost to all IX	4742477	5278.6

Potential Interfering Stations Included in above Scenario 3

8A NY BINGHAMTON	BLCDT	20060320AFC	LIC
8A PA LANCASTER	BPCDT	20110516ACI	APP
9A PA BETHLEHEM	BLCDT	20100907AAF	LIC
7A NY NEW YORK	USERRECORD01		APP

The following station failed the de minimis interference criteria.

7D NY NEW YORK USERRECORD01

ERP 21.40 kW HAAT 507.0 m RCAMSL 518.0 m
Antenna none

Due to interference to the following station and scenario: 3
8D NJ NEW BRUNSWICK BLEDT 20110427ABF
ERP 40.82 kW HAAT 218.0 m RCAMSL 281.0 m
Antenna CDB 00000000104545

Percent new interference from proposal: 13.4249 to BLEDT 20110427ABF

Result key: 24
Scenario 4 Affected station 9
Before Analysis

Results for: 8A NJ NEW BRUNSWICK BLEDT 20110427ABF LIC
HAAT 218.0 m, ATV ERP 40.8 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20668171	26517.0
not affected by terrain losses	19916767	24007.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2406513	3908.0
lost to ATV IX only	2406513	3908.0
lost to all IX	2406513	3908.0

Potential Interfering Stations Included in above Scenario 4

8A NY BINGHAMTON	BLCDT	20060320AFC	LIC
8A PA LANCASTER	BPCDT	20110516ACI	APP
9A PA BETHLEHEM	BPCDT	20110518ADP	APP
7A NY NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 8A NJ NEW BRUNSWICK BLEDT 20110427ABF LIC
HAAT 218.0 m, ATV ERP 40.8 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20668171	26517.0
not affected by terrain losses	19916767	24007.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4759534	5350.5
lost to ATV IX only	4759534	5350.5
lost to all IX	4759534	5350.5

Potential Interfering Stations Included in above Scenario 4

8A NY BINGHAMTON	BLCDT	20060320AFC	LIC
8A PA LANCASTER	BPCDT	20110516ACI	APP
9A PA BETHLEHEM	BPCDT	20110518ADP	APP
7A NY NEW YORK	USERRECORD01		APP

The following station failed the de minimis interference criteria.
7D NY NEW YORK USERRECORD01

ERP 21.40 kW HAAT 507.0 m RCAMSL 518.0 m
Antenna none

Due to interference to the following station and scenario: 4
8D NJ NEW BRUNSWICK BLEDT 20110427ABF
ERP 40.82 kW HAAT 218.0 m RCAMSL 281.0 m
Antenna CDB 00000000104545

Percent new interference from proposal: 13.4380 to BLEDT 20110427ABF

Result key: 25
Scenario 5 Affected station 9
Before Analysis

Results for: 8A NJ NEW BRUNSWICK BLEDT 20110427ABF LIC
HAAT 218.0 m, ATV ERP 40.8 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20668171	26517.0
not affected by terrain losses	19916767	24007.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2389456	3836.1
lost to ATV IX only	2389456	3836.1
lost to all IX	2389456	3836.1

Potential Interfering Stations Included in above Scenario 5

8A NY BINGHAMTON	BLCDT	20060320AFC	LIC
8A PA LANCASTER	BPCDT	20110516ACI	APP
9A PA BETHLEHEM	BMPCDT	20110330AAN	CP
7A NY NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 8A NJ NEW BRUNSWICK BLEDT 20110427ABF LIC
 HAAT 218.0 m, ATV ERP 40.8 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20668171	26517.0
not affected by terrain losses	19916767	24007.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4742477	5278.6
lost to ATV IX only	4742477	5278.6
lost to all IX	4742477	5278.6

Potential Interfering Stations Included in above Scenario 5

8A NY BINGHAMTON	BLCDT	20060320AFC	LIC
8A PA LANCASTER	BPCDT	20110516ACI	APP
9A PA BETHLEHEM	BMPCDT	20110330AAN	CP
7A NY NEW YORK	USERRECORD01		APP

The following station failed the de minimis interference criteria.

7D NY NEW YORK USERRECORD01
 ERP 21.40 kW HAAT 507.0 m RCAMSL 518.0 m
 Antenna none

Due to interference to the following station and scenario: 5

8D NJ NEW BRUNSWICK BLEDT 20110427ABF
 ERP 40.82 kW HAAT 218.0 m RCAMSL 281.0 m
 Antenna CDB 00000000104545

Percent new interference from proposal: 13.4249 to BLEDT 20110427ABF

Result key: 26
 Scenario 6 Affected station 9
 Before Analysis

Results for: 8A NJ NEW BRUNSWICK BLEDT 20110427ABF LIC
 HAAT 218.0 m, ATV ERP 40.8 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20668171	26517.0
not affected by terrain losses	19916767	24007.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2211712	3412.5
lost to ATV IX only	2211712	3412.5
lost to all IX	2211712	3412.5

Potential Interfering Stations Included in above Scenario 6

8A NY BINGHAMTON	BLCDT	20060320AFC	LIC
8A PA LANCASTER	BLCDT	20110323ABF	LIC
9A PA BETHLEHEM	BPCDT	20110518ADP	APP
7A NY NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 8A NJ NEW BRUNSWICK BLEDT 20110427ABF LIC
 HAAT 218.0 m, ATV ERP 40.8 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20668171	26517.0
not affected by terrain losses	19916767	24007.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4586942	4911.0
lost to ATV IX only	4586942	4911.0
lost to all IX	4586942	4911.0

Potential Interfering Stations Included in above Scenario 6

8A NY BINGHAMTON	BLCDT	20060320AFC	LIC
8A PA LANCASTER	BLCDT	20110323ABF	LIC
9A PA BETHLEHEM	BPCDT	20110518ADP	APP
7A NY NEW YORK	USERRECORD01		APP

The following station failed the de minimis interference criteria.

7D NY NEW YORK USERRECORD01
 ERP 21.40 kW HAAT 507.0 m RCAMSL 518.0 m

Antenna none

Due to interference to the following station and scenario: 6
8D NJ NEW BRUNSWICK BLEDT 20110427ABF
ERP 40.82 kW HAAT 218.0 m RCMSL 281.0 m
Antenna CDB 00000000104545

Percent new interference from proposal: 13.4156 to BLEDT 20110427ABF

Worst case new IX 13.4380% Scenario 4

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
08	WICZ-TV	BINGHAMTON NY	BLCDT -20060320AFC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
07	WXXA-TV	ALBANY NY	171.0	LIC	BLCDT -20051222AAQ
07	WXXA-TV	ALBANY NY	171.0	APP	BPCDT -20120123AOB
07	WBNG-TV	BINGHAMTON NY	0.7	LIC	BLCDT -20060329ACH
07	WBNG-TV	BINGHAMTON NY	0.7	APP	BPCDT -20120717AAC
07	WNNY-TV	CARTHAGE NY	211.7	LIC	BLCDT -20090622AGM
07	WNNY-TV	CARTHAGE NY	211.7	CP	BPCDT -20120224ABL
07	WABC-TV	NEW YORK NY	219.6	PLN	DTVPLN -DTVP0086
08	WNJB	NEW BRUNSWICK NJ	199.7	LIC	BLEDT -20110427ABF
08	WWCP-TV	JOHNSTOWN PA	339.9	LIC	BLCDT -20090413AEM
08	WGAL	LANCASTER PA	231.7	APP	BPCDT -20110516ACI
08	WGAL	LANCASTER PA	231.7	LIC	BLCDT -20110323ABF
09	WBPH-TV	BETHLEHEM PA	170.9	LIC	BLCDT -20100907AAF
09	WBPH-TV	BETHLEHEM PA	170.9	APP	BPCDT -20110518ADP
09	WBPH-TV	BETHLEHEM PA	170.9	CP MOD	BMPCDT -20110330AAN
07	WABC-DT	NEW YORK NY	219.6	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
07	WABC-DT	NEW YORK NY	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
07	WJLA-TV	WASHINGTON DC	326.9	LIC	BLCDT -20110706ABC
07	WXXA-TV	ALBANY NY	212.6	LIC	BLCDT -20051222AAQ
07	WXXA-TV	ALBANY NY	212.6	APP	BPCDT -20120123AOB
07	WBNG-TV	BINGHAMTON NY	220.2	LIC	BLCDT -20060329ACH
07	WBNG-TV	BINGHAMTON NY	220.2	APP	BPCDT -20120717AAC
07	WNNY-TV	CARTHAGE NY	386.8	LIC	BLCDT -20090622AGM
07	WNNY-TV	CARTHAGE NY	386.8	CP	BPCDT -20120224ABL
08	WNJB	NEW BRUNSWICK NJ	42.6	LIC	BLEDT -20110427ABF
08	WICZ-TV	BINGHAMTON NY	219.6	LIC	BLCDT -20060320AFC

Total scenarios = 4

Result key: 27
Scenario 1 Affected station 11
Before Analysis

Results for: 7A NY NEW YORK USERRECORD01 APP
HAAT 507.0 m, ATV ERP 21.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	21750522	40721.7
not affected by terrain losses	21145028	38074.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	220666	1225.6
lost to ATV IX only	220666	1225.6

lost to all IX 220666 1225.6

Potential Interfering Stations Included in above Scenario 1

7A DC WASHINGTON	BLCDT	20110706ABC	LIC
7A NY ALBANY	BLCDT	20051222AAQ	LIC
7A NY BINGHAMTON	BLCDT	20060329ACH	LIC
7A NY CARTHAGE	BPCDT	20120224ABL	CP
8A NJ NEW BRUNSWICK	BLEDT	20110427ABF	LIC

Result key: 28
Scenario 2 Affected station 11
Before Analysis

Results for: 7A NY NEW YORK USERRECORD01 APP
HAAT 507.0 m, ATV ERP 21.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	21750522	40721.7
not affected by terrain losses	21145028	38074.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	232627	1369.4
lost to ATV IX only	232627	1369.4
lost to all IX	232627	1369.4

Potential Interfering Stations Included in above Scenario 2

7A DC WASHINGTON	BLCDT	20110706ABC	LIC
7A NY ALBANY	BLCDT	20051222AAQ	LIC
7A NY BINGHAMTON	BPCDT	20120717AAC	APP
7A NY CARTHAGE	BPCDT	20120224ABL	CP
8A NJ NEW BRUNSWICK	BLEDT	20110427ABF	LIC

Result key: 29
Scenario 3 Affected station 11
Before Analysis

Results for: 7A NY NEW YORK USERRECORD01 APP
HAAT 507.0 m, ATV ERP 21.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	21750522	40721.7
not affected by terrain losses	21145028	38074.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	237122	1321.5
lost to ATV IX only	237122	1321.5
lost to all IX	237122	1321.5

Potential Interfering Stations Included in above Scenario 3

7A DC WASHINGTON	BLCDT	20110706ABC	LIC
7A NY ALBANY	BPCDT	20120123AOB	APP
7A NY BINGHAMTON	BLCDT	20060329ACH	LIC
7A NY CARTHAGE	BPCDT	20120224ABL	CP
8A NJ NEW BRUNSWICK	BLEDT	20110427ABF	LIC

Result key: 30
Scenario 4 Affected station 11
Before Analysis

Results for: 7A NY NEW YORK USERRECORD01 APP
HAAT 507.0 m, ATV ERP 21.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	21750522	40721.7
not affected by terrain losses	21145028	38074.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	248780	1461.2
lost to ATV IX only	248780	1461.2
lost to all IX	248780	1461.2

Potential Interfering Stations Included in above Scenario 4

7A DC WASHINGTON	BLCDT	20110706ABC	LIC
7A NY ALBANY	BPCDT	20120123AOB	APP
7A NY BINGHAMTON	BPCDT	20120717AAC	APP
7A NY CARTHAGE	BPCDT	20120224ABL	CP
8A NJ NEW BRUNSWICK	BLEDT	20110427ABF	LIC

#####

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

APPENDIX E

STATION E ALLOCATION ANALYSIS

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
TW Census data selected 2000
Data Base Selected
/export/home/cdbs/pt_tvdb.sff

WARNING WARNING WARNING

The following list of station records has been excluded from the analysis due to the fact that they have the same state, city and channel as the proposed station - This could cause the program to not find a potential fail situation

You can force the program to include these records by setting the state of the proposed record to ZZ and re-running the analysis

WNET	13 NEWARK	NJ	BMPCDT	20090709AGX
WNET	13 NEWARK	NJ	BLEDT	20090612ADI
WNET	13 NEWARK	NJ	BMPCDT	20090709AGX

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 09-27-2012 Time: 09:38:23

Record Selected for Analysis

WNET-DT USERRECORD-01 NEWARK NJ US
Channel 13 ERP 3.9 kW HAAT 507. m RCAMSL 00518 m
Latitude 040-42-46 Longitude 0074-00-49
Status APP Zone 1 Border Site number: 01
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility (site # 01) meets maximum height/power limits

Site number	1			
Azimuth	ERP	HAAT	36.0 dBu F(50,90)	
(Deg)	(kW)	(m)	(km)	
0.0	3.900	499.9	98.8	
45.0	3.900	517.1	100.1	
90.0	3.900	496.4	98.6	
135.0	3.900	507.9	99.5	
180.0	3.900	510.8	99.7	
225.0	3.900	507.6	99.4	
270.0	3.900	509.3	99.6	
315.0	3.900	504.6	99.2	

Evaluation toward Class A Stations from site # 01

Contour overlap to Class A station
WQAV-LP 13 ATLANTIC CITY NJ BDISTVA 20070910ACL

Contour overlap to Class A station
WQAV-LP 13 ATLANTIC CITY NJ BDISTVA 20080627AAI

Class A Evaluation Complete

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance
Distance to border = 397.6km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
13	WNET-DT	NEWARK NJ	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	WHYY-TV	WILMINGTON DE	127.8	LIC	BLEDT	20110907ADS
12	WNYT	ALBANY NY	212.6	APP	BPCDT	20120123ACG
12	WNYT	ALBANY NY	212.6	LIC	BLCDDT	20100505AHT
13	NEW		130.2	APP	BPRM	20091008ADN
13	WNYA	PITTSFIELD MA	213.9	LIC	BLCDDT	20090619ADK
13	WJZ-TV	BALTIMORE MD	271.7	LIC	BLCDDT	20110914AAS
13	WYCN-LP	NASHUA NH	309.5	LIC	BLTVA	20101230ABV
13	WQAV-LP	ATLANTIC CITY NJ	156.0	APP	BDISTVA	20070910ACL
13	WQAV-LP	ATLANTIC CITY NJ	156.0	CP	BDISTVA	20080627AAI
13	WCUL-CA	ONEIDA NY	295.2	LIC	BLTVA	20030619AAP
13	WHAM-TV	ROCHESTER NY	399.5	LIC	BLCDDT	20110121ABX
13	WSCP-LP	BELLEFONTE PA	326.6	CP	BPTVA	20080804AAV
13	WYOU	SCRANTON PA	164.7	LIC	BLCDDT	20051123AJU
13	WPRI-TV	PROVIDENCE RI	262.2	LIC	BLCDDT	20110705ABQ

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
12	WHYY-TV	WILMINGTON DE	BLEDT	-20110907ADS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	WBAL-TV	BALTIMORE MD	144.0	LIC	BLCDDT	-20111102ACP
11	WPIX	NEW YORK NY	127.8	APP	BMPCDDT	-20080620ALB
11	WPIX	NEW YORK NY	132.0	LIC	BLCDDT	-20090911ABN
11	WBRE-TV	WILKES-BARRE PA	137.7	LIC	BLCDDT	-20051123AJX
12	WNYT	ALBANY NY	304.9	APP	BPCDDT	-20120123ACG
12	WNYT	ALBANY NY	304.9	LIC	BLCDDT	-20100505AHT
12	WNAC-TV	PROVIDENCE RI	389.7	LIC	BLCDDT	-20090612AFT
12	WWBT	RICHMOND VA	343.3	LIC	BLCDDT	-20090803ABS
12	WWPX-TV	MARTINSBURG WV	250.0	LIC	BLCDDT	-20021108AAX
13	NEW		48.5	APP	BPRM	-20091008ADN
13	WJZ-TV	BALTIMORE MD	144.0	LIC	BLCDDT	-20110914AAS
13	WNET	NEWARK NJ	127.8	PLN	DTVPLN	-DTVP0442
13	WYOU	SCRANTON PA	137.7	LIC	BLCDDT	-20051123AJU
13	WNET-DT	NEWARK NJ	127.8	APP	USERRECORD-01	

Total scenarios = 4

Result key: 1
Scenario 1 Affected station 1
Before Analysis

Results for: 12A DE WILMINGTON	BLEDT	20110907ADS	LIC
HAAT 294.0 m, ATV ERP 30.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	9768951	29678.2	
not affected by terrain losses	9453464	28314.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	256953	653.4	
lost to ATV IX only	256953	653.4	
lost to all IX	256953	653.4	

Potential Interfering Stations Included in above Scenario 1

11A MD BALTIMORE	BLCDT	20111102ACP	LIC
11A NY NEW YORK	BLCDT	20090911ABN	LIC
12A NY ALBANY	BLCDT	20100505AHT	LIC
12A VA RICHMOND	BLCDT	20090803ABS	LIC
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
13A MD BALTIMORE	BLCDT	20110914AAS	LIC
13A NJ NEWARK	DTVPLN	DTVP0442	PLN

After Analysis

Results for: 12A DE WILMINGTON BLEDT 20110907ADS LIC
HAAT 294.0 m, ATV ERP 30.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9768951	29678.2
not affected by terrain losses	9453464	28314.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	262862	673.6
lost to ATV IX only	262862	673.6
lost to all IX	262862	673.6

Potential Interfering Stations Included in above Scenario 1

11A MD BALTIMORE	BLCDT	20111102ACP	LIC
11A NY NEW YORK	BLCDT	20090911ABN	LIC
12A NY ALBANY	BLCDT	20100505AHT	LIC
12A VA RICHMOND	BLCDT	20090803ABS	LIC
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
13A MD BALTIMORE	BLCDT	20110914AAS	LIC
13A NJ NEWARK	USERRECORD01		APP

Percent new IX = 0.0643%

Result key: 2
Scenario 2 Affected station 1
Before Analysis

Results for: 12A DE WILMINGTON BLEDT 20110907ADS LIC
HAAT 294.0 m, ATV ERP 30.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9768951	29678.2
not affected by terrain losses	9453464	28314.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	224663	637.3
lost to ATV IX only	224663	637.3
lost to all IX	224663	637.3

Potential Interfering Stations Included in above Scenario 2

11A MD BALTIMORE	BLCDT	20111102ACP	LIC
11A NY NEW YORK	BMPCDT	20080620ALB	APP
12A NY ALBANY	BPCDT	20120123ACG	APP
12A VA RICHMOND	BLCDT	20090803ABS	LIC
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
13A MD BALTIMORE	BLCDT	20110914AAS	LIC
13A NJ NEWARK	DTVPLN	DTVP0442	PLN

After Analysis

Results for: 12A DE WILMINGTON BLEDT 20110907ADS LIC
HAAT 294.0 m, ATV ERP 30.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9768951	29678.2
not affected by terrain losses	9453464	28314.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	265833	685.7
lost to ATV IX only	265833	685.7
lost to all IX	265833	685.7

Potential Interfering Stations Included in above Scenario 2

11A MD BALTIMORE	BLCDT	20111102ACP	LIC
11A NY NEW YORK	BMPCDT	20080620ALB	APP
12A NY ALBANY	BPCDT	20120123ACG	APP
12A VA RICHMOND	BLCDT	20090803ABS	LIC
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
13A MD BALTIMORE	BLCDT	20110914AAS	LIC
13A NJ NEWARK	USERRECORD01		APP

Percent new IX = 0.4461%

Result key: 3
Scenario 3 Affected station 1
Before Analysis

Results for: 12A DE WILMINGTON BLEDT 20110907ADS LIC
HAAT 294.0 m, ATV ERP 30.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9768951	29678.2
not affected by terrain losses	9453464	28314.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	221692	625.2
lost to ATV IX only	221692	625.2
lost to all IX	221692	625.2

Potential Interfering Stations Included in above Scenario 3

11A MD BALTIMORE	BLCDDT	20111102ACP	LIC
11A NY NEW YORK	BMPCDDT	20080620ALB	APP
12A NY ALBANY	BLCDDT	20100505AHT	LIC
12A VA RICHMOND	BLCDDT	20090803ABS	LIC
12A WV MARTINSBURG	BLCDDT	20021108AAX	LIC
13A MD BALTIMORE	BLCDDT	20110914AAS	LIC
13A NJ NEWARK	DTVPLN	DTVP0442	PLN

After Analysis

Results for: 12A DE WILMINGTON BLEDT 20110907ADS LIC
HAAT 294.0 m, ATV ERP 30.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9768951	29678.2
not affected by terrain losses	9453464	28314.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	262862	673.6
lost to ATV IX only	262862	673.6
lost to all IX	262862	673.6

Potential Interfering Stations Included in above Scenario 3

11A MD BALTIMORE	BLCDDT	20111102ACP	LIC
11A NY NEW YORK	BMPCDDT	20080620ALB	APP
12A NY ALBANY	BLCDDT	20100505AHT	LIC
12A VA RICHMOND	BLCDDT	20090803ABS	LIC
12A WV MARTINSBURG	BLCDDT	20021108AAX	LIC
13A MD BALTIMORE	BLCDDT	20110914AAS	LIC
13A NJ NEWARK	USERRECORD01		APP

Percent new IX = 0.4460%

Result key: 4
Scenario 4 Affected station 1
Before Analysis

Results for: 12A DE WILMINGTON BLEDT 20110907ADS LIC
HAAT 294.0 m, ATV ERP 30.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9768951	29678.2
not affected by terrain losses	9453464	28314.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	259924	665.5
lost to ATV IX only	259924	665.5
lost to all IX	259924	665.5

Potential Interfering Stations Included in above Scenario 4

11A MD BALTIMORE	BLCDDT	20111102ACP	LIC
11A NY NEW YORK	BLCDDT	20090911ABN	LIC
12A NY ALBANY	BPCDDT	20120123ACG	APP
12A VA RICHMOND	BLCDDT	20090803ABS	LIC
12A WV MARTINSBURG	BLCDDT	20021108AAX	LIC
13A MD BALTIMORE	BLCDDT	20110914AAS	LIC
13A NJ NEWARK	DTVPLN	DTVP0442	PLN

After Analysis

Results for: 12A DE WILMINGTON BLEDT 20110907ADS LIC
HAAT 294.0 m, ATV ERP 30.0 kW

	POPULATION	AREA (sq km)
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within Noise Limited Contour	9768951	29678.2
not affected by terrain losses	9453464	28314.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	265833	685.7
lost to ATV IX only	265833	685.7
lost to all IX	265833	685.7

Potential Interfering Stations Included in above Scenario 4

11A MD BALTIMORE	BLCDT	20111102ACP	LIC
11A NY NEW YORK	BLCDT	20090911ABN	LIC
12A NY ALBANY	BPCDT	20120123ACG	APP
12A VA RICHMOND	BLCDT	20090803ABS	LIC
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
13A MD BALTIMORE	BLCDT	20110914AAS	LIC
13A NJ NEWARK	USERRECORD01		APP

Percent new IX = 0.0643%

Worst case new IX 0.4461% Scenario 2

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
12	WNYT	ALBANY NY	BPCDT	-20120123ACG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	WWLP	SPRINGFIELD MA	123.0	LIC	BLCDT	-20090612AJV
11	WPIX	NEW YORK NY	212.6	APP	BMPCDT	-20080620ALB
11	WPIX	NEW YORK NY	208.6	LIC	BLCDT	-20090911ABN
11	WBRE-TV	WILKES-BARRE PA	222.4	LIC	BLCDT	-20051123AJX
12	WHYY-TV	WILMINGTON DE	304.9	LIC	BLEDT	-20110907ADS
12	WNAC-TV	PROVIDENCE RI	239.4	LIC	BLCDT	-20090612AFT
13	WNYA	PITTSFIELD MA	1.8	LIC	BLCDT	-20090619ADK
13	WNET	NEWARK NJ	212.7	PLN	DTVPLN	-DTVP0442
13	WYOU	SCRANTON PA	222.4	LIC	BLCDT	-20051123AJU
13	WNET-DT	NEWARK NJ	212.6	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
12	WNYT	ALBANY NY	BLCDT	-20100505AHT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	WWLP	SPRINGFIELD MA	123.0	LIC	BLCDT	-20090612AJV
11	WPIX	NEW YORK NY	212.6	APP	BMPCDT	-20080620ALB
11	WPIX	NEW YORK NY	208.6	LIC	BLCDT	-20090911ABN
11	WBRE-TV	WILKES-BARRE PA	222.4	LIC	BLCDT	-20051123AJX
12	WHYY-TV	WILMINGTON DE	304.9	LIC	BLEDT	-20110907ADS
12	WNAC-TV	PROVIDENCE RI	239.4	LIC	BLCDT	-20090612AFT
13	WNYA	PITTSFIELD MA	1.8	LIC	BLCDT	-20090619ADK
13	WNET	NEWARK NJ	212.7	PLN	DTVPLN	-DTVP0442
13	WYOU	SCRANTON PA	222.4	LIC	BLCDT	-20051123AJU
13	WNET-DT	NEWARK NJ	212.6	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
13	NEW		BPRM -20091008ADN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
12	WHYY-TV	WILMINGTON DE	48.5	LIC	BLEDT -20110907ADS
13	WNYA	PITTSFIELD MA	331.0	LIC	BLCDT -20090619ADK
13	WJZ-TV	BALTIMORE MD	160.9	LIC	BLCDT -20110914AAS
13	WNET	NEWARK NJ	130.1	PLN	DTVPLN -DTVP0442
13	WYOU	SCRANTON PA	183.7	LIC	BLCDT -20051123AJU
13	WPRI-TV	PROVIDENCE RI	383.1	LIC	BLCDT -20110705ABQ
13	WVEC	HAMPTON VA	353.3	LIC	BLCDT -20090612AJJ
13	WNET-DT	NEWARK NJ	130.2	APP	USERRECORD-01

Total scenarios = 1

Result key: 5
 Scenario 1 Affected station 4
 Before Analysis

Results for: 13A BPRM 20091008ADN APP

HAAT 31.0 m, ATV ERP 0.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	27250	224.2
not affected by terrain losses	27250	224.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1301	12.0
lost to ATV IX only	1301	12.0
lost to all IX	1301	12.0

Potential Interfering Stations Included in above Scenario 1

13A NJ NEWARK	DTVPLN	DTVP0442	PLN
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After Analysis

Results for: 13A BPRM 20091008ADN APP

HAAT 31.0 m, ATV ERP 0.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	27250	224.2
not affected by terrain losses	27250	224.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1301	8.0
lost to ATV IX only	1301	8.0
lost to all IX	1301	8.0

Potential Interfering Stations Included in above Scenario 1

13A NJ NEWARK	USERRECORD01	APP
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Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
13	WNYA	PITTSFIELD MA	BLCDT -20090619ADK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
12	WNYT	ALBANY NY	1.8	APP	BPCDT -20120123ACG
12	WNYT	ALBANY NY	1.8	LIC	BLCDT -20100505AHT
13	NEW		331.0	APP	BPRM -20091008ADN
13	WNET	NEWARK NJ	214.0	PLN	DTVPLN -DTVP0442
13	WHAM-TV	ROCHESTER NY	297.4	LIC	BLCDT -20110121ABX
13	WYOU	SCRANTON PA	224.2	LIC	BLCDT -20051123AJU
13	WPRI-TV	PROVIDENCE RI	238.7	LIC	BLCDT -20110705ABQ
13	WVNY	BURLINGTON VT	230.4	LIC	BLCDT -20061113ABH
13	WNET-DT	NEWARK NJ	213.9	APP	USERRECORD-01

Total scenarios = 2

Result key: 6
Scenario 1 Affected station 5
Before Analysis

Results for: 13A MA PITTSFIELD BLC DT 20090619ADK LIC
HAAT 301.0 m, ATV ERP 12.7 kW
POPULATION AREA (sq km)
within Noise Limited Contour 1495880 26389.6
not affected by terrain losses 1367045 21962.0
lost to NTSC IX 0 0.0
lost to additional IX by ATV 29827 1226.1
lost to ATV IX only 29827 1226.1
lost to all IX 29827 1226.1

Potential Interfering Stations Included in above Scenario 1

12A NY ALBANY	BLC DT	20100505AHT	LIC
13A NY ROCHESTER	BLC DT	20110121ABX	LIC
13A PA SCRANTON	BLC DT	20051123AJU	LIC
13A RI PROVIDENCE	BLC DT	20110705ABQ	LIC
13A VT BURLINGTON	BLC DT	20061113ABH	LIC
13A NJ NEWARK	DTVPLN	DTVP0442	PLN

After Analysis

Results for: 13A MA PITTSFIELD BLC DT 20090619ADK LIC
HAAT 301.0 m, ATV ERP 12.7 kW
POPULATION AREA (sq km)
within Noise Limited Contour 1495880 26389.6
not affected by terrain losses 1367045 21962.0
lost to NTSC IX 0 0.0
lost to additional IX by ATV 30038 1234.1
lost to ATV IX only 30038 1234.1
lost to all IX 30038 1234.1

Potential Interfering Stations Included in above Scenario 1

12A NY ALBANY	BLC DT	20100505AHT	LIC
13A NY ROCHESTER	BLC DT	20110121ABX	LIC
13A PA SCRANTON	BLC DT	20051123AJU	LIC
13A RI PROVIDENCE	BLC DT	20110705ABQ	LIC
13A VT BURLINGTON	BLC DT	20061113ABH	LIC
13A NJ NEWARK	USERRECORD01		APP

Percent new IX = 0.0158%

Result key: 7
Scenario 2 Affected station 5
Before Analysis

Results for: 13A MA PITTSFIELD BLC DT 20090619ADK LIC
HAAT 301.0 m, ATV ERP 12.7 kW
POPULATION AREA (sq km)
within Noise Limited Contour 1495880 26389.6
not affected by terrain losses 1367045 21962.0
lost to NTSC IX 0 0.0
lost to additional IX by ATV 30460 1338.3
lost to ATV IX only 30460 1338.3
lost to all IX 30460 1338.3

Potential Interfering Stations Included in above Scenario 2

12A NY ALBANY	BPCDT	20120123ACG	APP
13A NY ROCHESTER	BLC DT	20110121ABX	LIC
13A PA SCRANTON	BLC DT	20051123AJU	LIC
13A RI PROVIDENCE	BLC DT	20110705ABQ	LIC
13A VT BURLINGTON	BLC DT	20061113ABH	LIC
13A NJ NEWARK	DTVPLN	DTVP0442	PLN

After Analysis

Results for: 13A MA PITTSFIELD BLC DT 20090619ADK LIC
HAAT 301.0 m, ATV ERP 12.7 kW
POPULATION AREA (sq km)
within Noise Limited Contour 1495880 26389.6
not affected by terrain losses 1367045 21962.0

lost to NTSC IX	0	0.0
lost to additional IX by ATV	30671	1346.3
lost to ATV IX only	30671	1346.3
lost to all IX	30671	1346.3

Potential Interfering Stations Included in above Scenario 2

12A NY ALBANY	BPCDT	20120123ACG	APP
13A NY ROCHESTER	BLCDT	20110121ABX	LIC
13A PA SCRANTON	BLCDT	20051123AJU	LIC
13A RI PROVIDENCE	BLCDT	20110705ABQ	LIC
13A VT BURLINGTON	BLCDT	20061113ABH	LIC
13A NJ NEWARK	USERRECORD01		APP

Percent new IX = 0.0158%

Worst case new IX 0.0158% Scenario 2

#####

Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
13	WJZ-TV	BALTIMORE MD	BLCDT	-20110914AAS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	WHYY-TV	WILMINGTON DE	144.0	LIC	BLEDT	-20110907ADS
12	WWBT	RICHMOND VA	216.4	LIC	BLCDT	-20090803ABS
12	WWPX-TV	MARTINSBURG WV	122.2	LIC	BLCDT	-20021108AAX
13	NEW		160.9	APP	BPRM	-20091008ADN
13	WNET	NEWARK NJ	271.7	PLN	DTVPLN	-DTVP0442
13	WQED	PITTSBURGH PA	308.4	LIC	BLEDT	-20091127ABD
13	WYOU	SCRANTON PA	215.7	LIC	BLCDT	-20051123AJU
13	WVEC	HAMPTON VA	280.4	LIC	BLCDT	-20090612AJJ
13	WSET-TV	LYNCHBURG VA	343.6	LIC	BLCDT	-20091013ABE
13	WNET-DT	NEWARK NJ	271.7	APP	USERRECORD-01	

Total scenarios = 1

Result key: 8

Scenario 1 Affected station 6

Before Analysis

Results for: 13A MD BALTIMORE BLCDT 20110914AAS LIC

HAAT	295.0 m, ATV ERP	33.8 kW
	POPULATION	AREA (sq km)
within Noise Limited Contour	8421507	30280.8
not affected by terrain losses	8194370	28790.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	480693	1941.4
lost to ATV IX only	480693	1941.4
lost to all IX	480693	1941.4

Potential Interfering Stations Included in above Scenario 1

12A DE WILMINGTON	BLEDT	20110907ADS	LIC
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
13A PA PITTSBURGH	BLEDT	20091127ABD	LIC
13A PA SCRANTON	BLCDT	20051123AJU	LIC
13A VA HAMPTON	BLCDT	20090612AJJ	LIC
13A VA LYNCHBURG	BLCDT	20091013ABE	LIC
13A NJ NEWARK	DTVPLN	DTVP0442	PLN

After Analysis

Results for: 13A MD BALTIMORE BLCDT 20110914AAS LIC

HAAT	295.0 m, ATV ERP	33.8 kW
	POPULATION	AREA (sq km)
within Noise Limited Contour	8421507	30280.8
not affected by terrain losses	8194370	28790.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	480889	1945.4
lost to ATV IX only	480889	1945.4
lost to all IX	480889	1945.4

Potential Interfering Stations Included in above Scenario 1

12A DE WILMINGTON	BLEDT	20110907ADS	LIC
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
13A PA PITTSBURGH	BLEDT	20091127ABD	LIC
13A PA SCRANTON	BLCDT	20051123AJU	LIC
13A VA HAMPTON	BLCDT	20090612AJJ	LIC
13A VA LYNCHBURG	BLCDT	20091013ABE	LIC
13A NJ NEWARK	USERRECORD01		APP

Percent new IX = 0.0025%

Worst case new IX 0.0025% Scenario 1

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
13	WYCN-LP	NASHUA NH	BLTVA	-20101230ABV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	WNAC-TV	PROVIDENCE RI	97.1	LIC	BLCDT	-20090612AFT
13	WNYA	PITTSFIELD MA	207.8	LIC	BLCDT	-20090619ADK
13	WABI-DR	BANGOR ME	289.9	APP	BPRM	-20090603AHF
13	WABI-TV	BANGOR ME	289.8	LIC	BLCDT	-20101215AIS
13	WNET	NEWARK NJ	309.6	PLN	DTVPLN	-DTVP0442
13	WPRI-TV	PROVIDENCE RI	97.1	LIC	BLCDT	-20110705ABQ
13	WVNY	BURLINGTON VT	226.6	LIC	BLCDT	-20061113ABH
13	WNET-DT	NEWARK NJ	309.5	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
13	WQAV-LP	ATLANTIC CITY NJ	BDISTVA	-20070910ACL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	WHYY-TV	WILMINGTON DE	101.9	LIC	BLEDT	-20110907ADS
13	NEW		53.5	APP	BPRM	-20091008ADN
13	WNYA	PITTSFIELD MA	367.3	LIC	BLCDT	-20090619ADK
13	WJZ-TV	BALTIMORE MD	188.6	LIC	BLCDT	-20110914AAS
13	WNET	NEWARK NJ	156.0	PLN	DTVPLN	-DTVP0442
13	WYOU	SCRANTON PA	236.4	LIC	BLCDT	-20051123AJU
13	WPRI-TV	PROVIDENCE RI	388.0	LIC	BLCDT	-20110705ABQ
13	WVEC	HAMPTON VA	332.1	LIC	BLCDT	-20090612AJJ
13	WNET-DT	NEWARK NJ	156.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
13	WQAV-LP	ATLANTIC CITY NJ	BDISTVA	-20080627AAI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	WHYY-TV	WILMINGTON DE	101.9	LIC	BLEDT	-20110907ADS
13	NEW		53.5	APP	BPRM	-20091008ADN
13	WNYA	PITTSFIELD MA	367.3	LIC	BLCDT	-20090619ADK
13	WJZ-TV	BALTIMORE MD	188.6	LIC	BLCDT	-20110914AAS
13	WNET	NEWARK NJ	156.0	PLN	DTVPLN	-DTVP0442

13	WYOU	SCRANTON PA	236.4	LIC	BLCDDT	-20051123AJU
13	WPRI-TV	PROVIDENCE RI	388.0	LIC	BLCDDT	-20110705ABQ
13	WVEC	HAMPTON VA	332.1	LIC	BLCDDT	-20090612AJJ
13	WNET-DT	NEWARK NJ	156.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
13	WCUL-CA	ONEIDA NY	BLTVA -20030619AAP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
12	WWDG-CA	ROME NY	21.7	LIC	BLTVA -20040614AAL
13	NEW		377.3	APP	BPRM -20091008ADN
13	WNYA	PITTSFIELD MA	144.3	LIC	BLCDDT -20090619ADK
13	WNET	NEWARK NJ	295.3	PLN	DTVPLN -DTVP0442
13	WHAM-TV	ROCHESTER NY	155.7	LIC	BLCDDT -20110121ABX
13	WBLZ-LP	SYRACUSE NY	40.5	LIC	BLTVA -20050314AAH
13	WYOU	SCRANTON PA	210.0	LIC	BLCDDT -20051123AJU
13	WPRI-TV	PROVIDENCE RI	383.0	LIC	BLCDDT -20110705ABQ
13	WVNY	BURLINGTON VT	280.5	LIC	BLCDDT -20061113ABH
13	WNET-DT	NEWARK NJ	295.2	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
13	WHAM-TV	ROCHESTER NY	BLCDDT -20110121ABX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
13	WNYA	PITTSFIELD MA	297.4	LIC	BLCDDT -20090619ADK
13	WNET	NEWARK NJ	399.6	PLN	DTVPLN -DTVP0442
13	WQED	PITTSBURGH PA	358.1	LIC	BLEDT -20091127ABD
13	WYOU	SCRANTON PA	258.7	LIC	BLCDDT -20051123AJU
13	WVNY	BURLINGTON VT	412.3	LIC	BLCDDT -20061113ABH
13	WNET-DT	NEWARK NJ	399.5	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
13	WSCP-LP	BELLEFRONTE PA	BPTVA -20080804AAV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
13	NEW		281.0	APP	BPRM -20091008ADN
13	WNYA	PITTSFIELD MA	387.3	LIC	BLCDDT -20090619ADK
13	WJZ-TV	BALTIMORE MD	186.5	LIC	BLCDDT -20110914AAS
13	WNET	NEWARK NJ	326.6	PLN	DTVPLN -DTVP0442
13	WHAM-TV	ROCHESTER NY	269.9	LIC	BLCDDT -20110121ABX
13	WQED	PITTSBURGH PA	177.6	LIC	BLEDT -20091127ABD
13	WYOU	SCRANTON PA	177.1	LIC	BLCDDT -20051123AJU
13	WNET-DT	NEWARK NJ	326.6	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
13	WYOU	SCRANTON PA	BLCDT	-20051123AJU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	WHYY-TV	WILMINGTON DE	137.7	LIC	BLEDT	-20110907ADS
12	WNYT	ALBANY NY	222.4	APP	BPCDT	-20120123ACG
12	WNYT	ALBANY NY	222.4	LIC	BLCDT	-20100505AHT
13	NEW		183.7	APP	BPRM	-20091008ADN
13	WNYA	PITTSFIELD MA	224.2	LIC	BLCDT	-20090619ADK
13	WJZ-TV	BALTIMORE MD	215.7	LIC	BLCDT	-20110914AAS
13	WNET	NEWARK NJ	164.7	PLN	DTVPLN	-DTVP0442
13	WHAM-TV	ROCHESTER NY	258.7	LIC	BLCDT	-20110121ABX
13	WQED	PITTSBURGH PA	353.7	LIC	BLEDT	-20091127ABD
13	WPRI-TV	PROVIDENCE RI	389.7	LIC	BLCDT	-20110705ABQ
13	WNET-DT	NEWARK NJ	164.7	APP	USERRECORD-01	

Total scenarios = 1

Result key: 9

Scenario 1 Affected station 13
Before Analysis

Results for: 13A PA SCRANTON BLCDT 20051123AJU LIC

HAAT	471.0 m, ATV ERP	30.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			3340487	40815.2
not affected by terrain losses			2637684	33868.4
lost to NTSC IX			0	0.0
lost to additional IX by ATV			183707	1967.0
lost to ATV IX only			183707	1967.0
lost to all IX			183707	1967.0

Potential Interfering Stations Included in above Scenario 1

12A DE WILMINGTON	BLEDT	20110907ADS	LIC
13A MA PITTSFIELD	BLCDT	20090619ADK	LIC
13A MD BALTIMORE	BLCDT	20110914AAS	LIC
13A NY ROCHESTER	BLCDT	20110121ABX	LIC
13A PA PITTSBURGH	BLEDT	20091127ABD	LIC
13A RI PROVIDENCE	BLCDT	20110705ABQ	LIC
13A NJ NEWARK	DTVPLN	DTVP0442	PLN

After Analysis

Results for: 13A PA SCRANTON BLCDT 20051123AJU LIC

HAAT	471.0 m, ATV ERP	30.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			3340487	40815.2
not affected by terrain losses			2637684	33868.4
lost to NTSC IX			0	0.0
lost to additional IX by ATV			195823	2055.2
lost to ATV IX only			195823	2055.2
lost to all IX			195823	2055.2

Potential Interfering Stations Included in above Scenario 1

12A DE WILMINGTON	BLEDT	20110907ADS	LIC
13A MA PITTSFIELD	BLCDT	20090619ADK	LIC
13A MD BALTIMORE	BLCDT	20110914AAS	LIC
13A NY ROCHESTER	BLCDT	20110121ABX	LIC
13A PA PITTSBURGH	BLEDT	20091127ABD	LIC
13A RI PROVIDENCE	BLCDT	20110705ABQ	LIC
13A NJ NEWARK	USERRECORD01		APP

Percent new IX = 0.4937%

Worst case new IX 0.4937% Scenario 1

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Analysis of current record

Channel	Call	City/State	Application	Ref. No.
13	WPRI-TV	PROVIDENCE RI	BLCDDT	-20110705ABQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	WNAC-TV	PROVIDENCE RI	0.0	LIC	BLCDDT	-20090612AFT
13	NEW		383.1	APP	BPRM	-20091008ADN
13	WNYA	PITTSFIELD MA	238.7	LIC	BLCDDT	-20090619ADK
13	WABI-DR	BANGOR ME	361.2	APP	BPRM	-20090603AHF
13	WABI-TV	BANGOR ME	361.2	LIC	BLCDDT	-20101215AIS
13	WNET	NEWARK NJ	262.2	PLN	DTVPLN	-DTVP0442
13	WYOU	SCRANTON PA	389.7	LIC	BLCDDT	-20051123AJU
13	WVNY	BURLINGTON VT	319.6	LIC	BLCDDT	-20061113ABH
13	WNET-DT	NEWARK NJ	262.2	APP	USERRECORD-01	

Total scenarios = 3

Result key: 10
Scenario 1 Affected station 14
Before Analysis

Results for: 13A RI PROVIDENCE BLCDDT 20110705ABQ LIC

HAAT 305.0 m, ATV ERP 30.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	7063884	32312.9
not affected by terrain losses	6817897	30630.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	42342	309.1
lost to ATV IX only	42342	309.1
lost to all IX	42342	309.1

Potential Interfering Stations Included in above Scenario 1

13A MA PITTSFIELD	BLCDDT	20090619ADK	LIC
13A ME BANGOR	BLCDDT	20101215AIS	LIC
13A PA SCRANTON	BLCDDT	20051123AJU	LIC
13A VT BURLINGTON	BLCDDT	20061113ABH	LIC
13A NJ NEWARK	DTVPLN	DTVP0442	PLN

After Analysis

Results for: 13A RI PROVIDENCE BLCDDT 20110705ABQ LIC

HAAT 305.0 m, ATV ERP 30.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	7063884	32312.9
not affected by terrain losses	6817897	30630.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	42010	305.1
lost to ATV IX only	42010	305.1
lost to all IX	42010	305.1

Potential Interfering Stations Included in above Scenario 1

13A MA PITTSFIELD	BLCDDT	20090619ADK	LIC
13A ME BANGOR	BLCDDT	20101215AIS	LIC
13A PA SCRANTON	BLCDDT	20051123AJU	LIC
13A VT BURLINGTON	BLCDDT	20061113ABH	LIC
13A NJ NEWARK	USERRECORD01	APP	

Percent new IX = -0.0049%

Result key: 11
Scenario 2 Affected station 14
Before Analysis

Results for: 13A RI PROVIDENCE BLCDDT 20110705ABQ LIC

HAAT 305.0 m, ATV ERP 30.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	7063884	32312.9
not affected by terrain losses	6817897	30630.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	42342	309.1
lost to ATV IX only	42342	309.1
lost to all IX	42342	309.1

Potential Interfering Stations Included in above Scenario 2

13A MA PITTSFIELD	BLCDDT	20090619ADK	LIC
13A ME BANGOR	BPRM	20090603AHF	APP
13A ME BANGOR	BLCDDT	20101215AIS	LIC
13A PA SCRANTON	BLCDDT	20051123AJU	LIC
13A VT BURLINGTON	BLCDDT	20061113ABH	LIC
13A NJ NEWARK	DTVPLN	DTVP0442	PLN

After Analysis

Results for: 13A RI PROVIDENCE BLCDDT 20110705ABQ LIC
HAAT 305.0 m, ATV ERP 30.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7063884	32312.9
not affected by terrain losses	6817897	30630.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	42010	305.1
lost to ATV IX only	42010	305.1
lost to all IX	42010	305.1

Potential Interfering Stations Included in above Scenario 2

13A MA PITTSFIELD	BLCDDT	20090619ADK	LIC
13A ME BANGOR	BPRM	20090603AHF	APP
13A ME BANGOR	BLCDDT	20101215AIS	LIC
13A PA SCRANTON	BLCDDT	20051123AJU	LIC
13A VT BURLINGTON	BLCDDT	20061113ABH	LIC
13A NJ NEWARK	USERRECORD01		APP

Percent new IX = -0.0049%

Result key: 12
Scenario 3 Affected station 14
Before Analysis

Results for: 13A RI PROVIDENCE BLCDDT 20110705ABQ LIC
HAAT 305.0 m, ATV ERP 30.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7063884	32312.9
not affected by terrain losses	6817897	30630.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	42342	309.1
lost to ATV IX only	42342	309.1
lost to all IX	42342	309.1

Potential Interfering Stations Included in above Scenario 3

13A MA PITTSFIELD	BLCDDT	20090619ADK	LIC
13A ME BANGOR	BLCDDT	20101215AIS	LIC
13A PA SCRANTON	BLCDDT	20051123AJU	LIC
13A VT BURLINGTON	BLCDDT	20061113ABH	LIC
13A NJ NEWARK	DTVPLN	DTVP0442	PLN

After Analysis

Results for: 13A RI PROVIDENCE BLCDDT 20110705ABQ LIC
HAAT 305.0 m, ATV ERP 30.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7063884	32312.9
not affected by terrain losses	6817897	30630.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	42010	305.1
lost to ATV IX only	42010	305.1
lost to all IX	42010	305.1

Potential Interfering Stations Included in above Scenario 3

13A MA PITTSFIELD	BLCDDT	20090619ADK	LIC
13A ME BANGOR	BLCDDT	20101215AIS	LIC
13A PA SCRANTON	BLCDDT	20051123AJU	LIC
13A VT BURLINGTON	BLCDDT	20061113ABH	LIC
13A NJ NEWARK	USERRECORD01		APP

Percent new IX = -0.0049%

Worst case new IX -0.0049% Scenario 1

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.
13	WNET-DT	NEWARK NJ	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
12	WHYY-TV	WILMINGTON DE	127.8	LIC	BLEDT -20110907ADS
12	WNYT	ALBANY NY	212.6	APP	BPCDT -20120123ACG
12	WNYT	ALBANY NY	212.6	LIC	BLCDT -20100505AHT
13	NEW		130.2	APP	BPRM -20091008ADN
13	WNYA	PITTSFIELD MA	213.9	LIC	BLCDT -20090619ADK
13	WJZ-TV	BALTIMORE MD	271.7	LIC	BLCDT -20110914AAS
13	WHAM-TV	ROCHESTER NY	399.5	LIC	BLCDT -20110121ABX
13	WYOU	SCRANTON PA	164.7	LIC	BLCDT -20051123AJU
13	WPRI-TV	PROVIDENCE RI	262.2	LIC	BLCDT -20110705ABQ

Total scenarios = 3

Result key: 13
Scenario 1 Affected station 15
Before Analysis

Results for: 13A NJ NEWARK USERRECORD01 APP
HAAT 507.0 m, ATV ERP 3.9 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20155040	31001.0
not affected by terrain losses	19735361	28765.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	468484	2259.7
lost to ATV IX only	468484	2259.7
lost to all IX	468484	2259.7

Potential Interfering Stations Included in above Scenario 1

12A DE WILMINGTON	BLEDT	20110907ADS	LIC
13A MA PITTSFIELD	BLCDT	20090619ADK	LIC
13A MD BALTIMORE	BLCDT	20110914AAS	LIC
13A PA SCRANTON	BLCDT	20051123AJU	LIC
13A RI PROVIDENCE	BLCDT	20110705ABQ	LIC

Result key: 14
Scenario 2 Affected station 15
Before Analysis

Results for: 13A NJ NEWARK USERRECORD01 APP
HAAT 507.0 m, ATV ERP 3.9 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20155040	31001.0
not affected by terrain losses	19735361	28765.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	468484	2259.7
lost to ATV IX only	468484	2259.7
lost to all IX	468484	2259.7

Potential Interfering Stations Included in above Scenario 2

12A DE WILMINGTON	BLEDT	20110907ADS	LIC
13A	BPRM	20091008ADN	APP
13A MA PITTSFIELD	BLCDT	20090619ADK	LIC
13A MD BALTIMORE	BLCDT	20110914AAS	LIC
13A PA SCRANTON	BLCDT	20051123AJU	LIC
13A RI PROVIDENCE	BLCDT	20110705ABQ	LIC

Result key: 15
Scenario 3 Affected station 15
Before Analysis

Results for: 13A NJ NEWARK USERRECORD01 APP
HAAT 507.0 m, ATV ERP 3.9 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20155040	31001.0
not affected by terrain losses	19735361	28765.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	468484	2259.7
lost to ATV IX only	468484	2259.7

468484	2259.7
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3

12A	DE WILMINGTON	BLEDT	20110907ADS	LIC
13A	MA PITTSFIELD	BLCDT	20090619ADK	LIC
13A	MD BALTIMORE	BLCDT	20110914AAS	LIC
13A	PA SCRANTON	BLCDT	20051123AJU	LIC
13A	RI PROVIDENCE	BLCDT	20110705ABQ	LIC

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

APPENDIX 2

THE DURST ORGANIZATION BROCHURE

BROADCAST AND TELECOMMUNICATIONS LEASING



The
Durst
Organization



Broadcast and Telecommunications Leasing



One World Trade Center

One World Trade Center is the cornerstone of the redevelopment of the World Trade Center site, and the iconic design has reshaped the downtown skyline.

The Durst Organization is a joint venture partner with the Port Authority of New York and New Jersey and is overseeing construction, leasing, and management of One World Trade Center. Much like their pioneering investments in Midtown, The Durst Organization is now participating in the growth of the Downtown market.



4 Times Square

Recognized as the nation's first green skyscraper, this eclectic postmodern tower represents the crowning moment in the revitalization of Times Square.

The Durst family's bold commitment to development in the midst of a real estate recession was rewarded when 4 Times Square was fully occupied soon after opening. Since then, the tower has taken its place alongside its historic neighbors as a modern icon in the city's skyline.



Building services include:

Building engineers on duty 24/7

3.65 Megawatts dedicated to broadcasting and communications operations

24-hour access

Facility currently accommodates TV and radio broadcasters

Chilled and condenser water available for equipment space and transmitter cooling

Verizon fiber and copper available at top of house. Cogent Communications, Rainbow Broadband, Clear Wireless, Towerstream and Vigilant Technologies services are also available

Hydraulic lift gates in loading dock

TV & FM Broadcast
Point-to-Point Microwave
ENG
RPU
Satellite Downlink
Camera Location



Capacity

- State-of-the-art facility 100% funded by The Durst Organization
- The only investment made by a broadcaster is the terminal equipment and combiner input module
- Plug-and-play system design to allow efficient set up and operation
- Communication rings designed to accommodate ancillary transmission services
- Single operator allows for ease of coordination between sites, including shut down and maintenance, providing seamless continuity for primary and back-up operations
- Studio Transmitter Link included in license (where applicable)
- Landlord-owned master antenna system
- One WTC location is consistent with original FCC License approval
- The highest single-owner combined antenna locations in NYC: 1400–1750 feet above grade and 1100–1450 in New York Tri-State
- Convenient Subway service between properties
- 4TS FCC Tower Registration 123845; One WTC Tower Registration Pending
- 4TS Latitude 40° 45' 22.4 N & Longitude 73.59.10.5 W & One WTC Latitude 40° 42' 42 N & Longitude 74° 00' 45

Integrity and Expertise



Few people in New York City know more about the rigors of running a broadcast facility than John Lyons, the Director of Broadcasting for The Durst Organization.

John was the 2006 Broadcast Engineer of the Year and in 2009 was inducted into the Broadcasters Hall of Fame. His years of experience played an important part in the return to the air of many New York broadcasters after 9/11.

As Assistant VP and Director of Broadcast Operations at The Durst Organization, John brings his wealth of expertise to bear on broadcast installations. John is a Fellow of the Society of Broadcast Engineers (SBE), Life-Certified as a Professional Broadcast Engineer, and was a member of the original industry certification committee. He is a Certified Master Telecommunications Engineer by the International Association for Radio, Telecommunications and Electromagnetics (IARTE), an Associate Member of the Association of Federal Communications Consulting Engineers (AFCEE), a member of the Real Estate Board of New York (REBNY) and the Building Owners and Management Association (BOMA).



Tom Bow oversees the leasing of the company's 13-million-square-foot portfolio. Tom has completed more than 25 broadcast transactions over the course of his time with The Durst Organization. Tom's unique tenant friendly, value driven approach will get you on our towers and keep you there for years to come.



Rob Becker, a recent addition to the One World Trade Center leasing team, will be assisting Tom with broadcast leasing. Rob joins us from the Bank of America where he oversaw 125 million square feet of commercial real estate leasing for the bank, including their transaction at One Bryant Park. Rob's focus on One World Trade Center ensures broadcast tenants will have a consistent point of contact.

The Durst Organization is renowned for its single-minded devotion to tenant satisfaction. Our commitment to our broadcast tenants at 4 Times Square is unmatched in the industry and sets the standard for our operations at One World Trade Center. From adding broad-spectrum broadcast capacity to a fully occupied 4 Times Square in the wake of the September 11 attacks—without tenant disruption—to committing to bringing broadcasting downtown, The Durst Organization understands the needs of our broadcast partners. We recognize the important service they provide the community, and are committed to making this as easy as possible.

To learn more about broadcasting and communications possibilities with The Durst Organization at either of our properties, please contact Rob Becker or Tom Bow. For technical inquiries, contact John Lyons.

Rob Becker

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One World Trade Center

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212.218.1369

Tom Bow

Senior Vice President,
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John Lyons

Director of Broadcast
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ONE

WORLD TRADE CENTER

Building services include:

Building Engineers on duty 24/7

2.0 Megawatts of back-up power
dedicated to broadcasting and
communications operations

24-hour access

**State-of-the-art facility seamlessly
accommodates both TV & Radio**

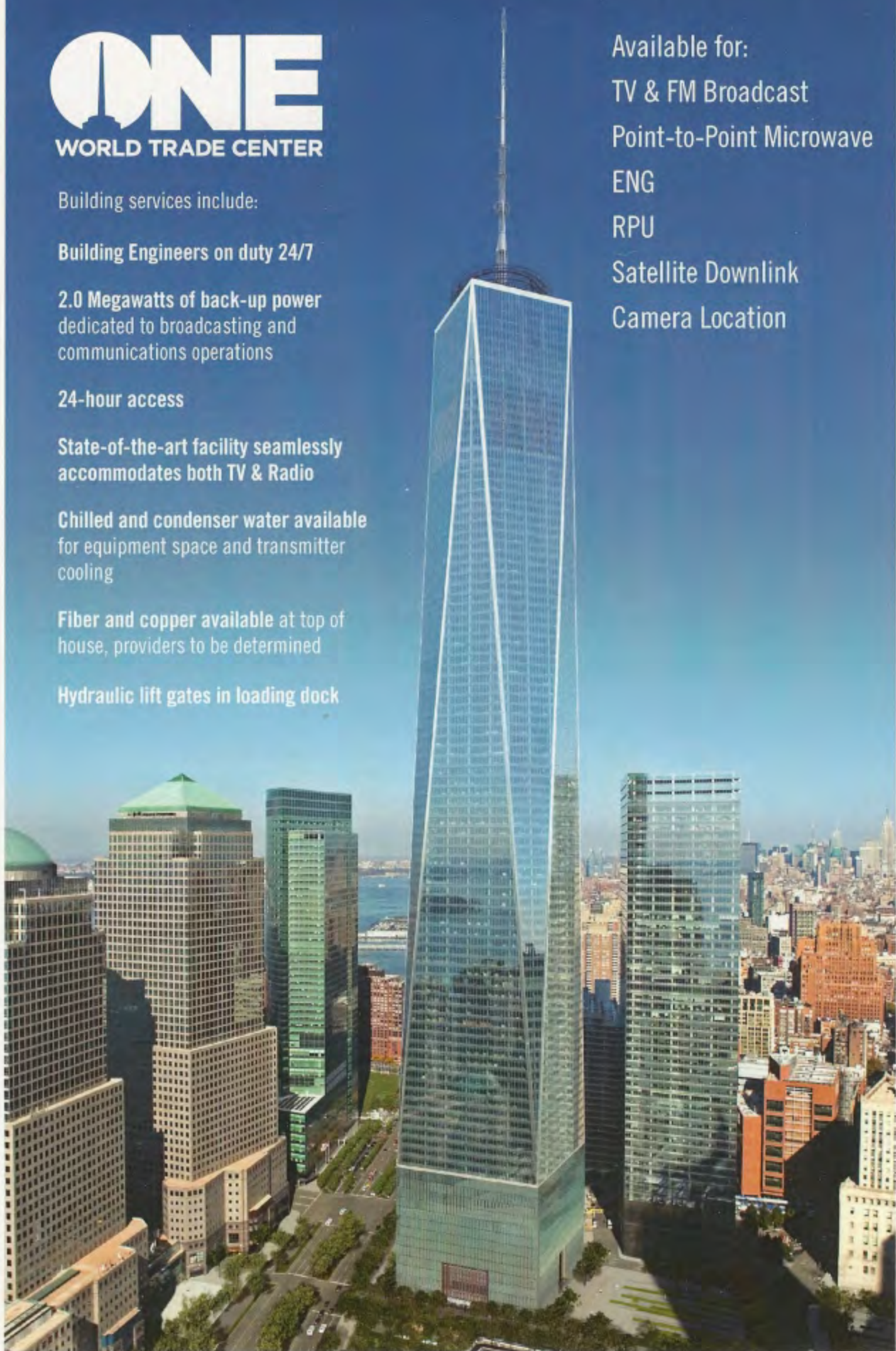
Chilled and condenser water available
for equipment space and transmitter
cooling

**Fiber and copper available at top of
house, providers to be determined**

Hydraulic lift gates in loading dock

Available for:

- TV & FM Broadcast
- Point-to-Point Microwave
- ENG
- RPU
- Satellite Downlink
- Camera Location





**The Durst
Organization**

www.durst.org